Long-term Temperature Monitoring Program 1982, Scotia-Fundy, Gulf Regions

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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Hydrography and Ocean Sciences 10

JULY, 1983

LONG-TERM TEMPERATURE MONITORING PROGRAM 1982, SCOTIA-FUNDY, GULF REGIONS

by

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ABSTRACT

Dobson, D. and Petrie, B. 1983. Long-term temperature monitoring program 1982, Scotia-Fundy, Gulf Regions. Can. Data Rep. Hydrogr. Ocean Sci. 10: vii + 384 p.

Temperature data collected in 1982 near the bottom at sites of productive invertebrate fisheries are presented.

RESUME

Dobson, D. and Petrie, B. 1983. Long-term temperature monitoring program 1982, Scotia-Fundy, Gulf Regions. Can. Data Rep. Hydrogr. Ocean Sci. 10: vii + 384 p.

On présente les données relatives à la température recueillies, en 1982, à proximité du fond aux endroits où la pêche des invertébrés est productive.

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INTRODUCTION

A pilot program to obtain continuous long term measurements of bottom temperature was initiated in March 1978, primarily at the request of biologists from the St. Andrews Biological Station. Their studies indicate that water temperature has a significant influence on the growth and feeding activity of commercial invertebates (lobster, crab and scallops). The results of the first year's observations were reported by Gregory and Dobson (Data Series/BI-D-78/September 1978).

We present the data gathered during the 1982 field season in the Scotia-Fundy and Gulf of St. Lawrence areas. Data collection includes input from several sources. Biologists from these regions use instruments which are held at Bedford Institute, rotated and serviced periodically. St. Andrews group maintain their own instruments; their data are marked with an asterisk in this report.

INSTRUMENTATION

The Ryan Model J thermograph has been used in the program and is described by Gregory and Dobson. The deployment of the moorings is handled by local fishermen. The basic mooring configuration is shown in Figure 3. Modifications by various users have generally been to make the mooring less attractive to those who consider the components worth stealing.

MOORING SITES, DATA RETURN AND PROCESSING

The mooring sites have been divided into three areas: 1) Scotia-Fundy, 2) Gulf, 3) Newfoundland. The length of the report this year has required dividing it into two parts, the Newfoundland data appearing separately. Tables for the mooring locations, with corresponding area maps, follow Section 4. Site names, instrument serial numbers, depths,

co-ordinates, data length and location are recorded in the tables. A zero indicates that information is unavailable for a particular quantity. Instrument loss or failure is shown in the same format using start-stop time space for remarks.

All data reduction, plotting and calculations were contracted out to Evans Computer Applications Ltd. The analogue charts were digitized every 4 hours to the nearest 0.5°C and calculations are based on these data. The calculations included daily mean temperatures and the accumulated degree days (ADD) starting with the beginning of the record. Reference temperatures, T(ref), of 0°C and 4°C were used. The first and last calculations generally include partial days depending on the time the moorings were set and recovered.

We have: $ADD = \sum(T-T(ref))\times time$ where for $T<T(ref)$, $ADD = 0$ and time is given in days. Table 4 gives a summary of the data return and some of the problems encountered during the field season. Table 5 gives the monthly degree calculations relative to 0°C (dividing by the number of days in a month will give the approximate average monthly temperature).

Instrument recoveries do not always coincide with the calendar year, as in the case of instruments presumed lost and later recovered. Thus, the data reported here include time series from earlier years.

DISCUSSION

Analysis of data gathered at Cape Sable (see Long Term Temperature Monitoring Program 1979, Dobson et al., BI-D-81-4/April 1981) indicated that temperature measured at 24 meters depth was nearly identical with other measurements at 60 and 110 m. Vertical stratification doesn't appear to be a major factor in sampling the water column there or farther into the

Gulf of Maine-Bay of Fundy region. However, such is not the case on the Atlantic coast of Nova Scotia or in the Gulf of St. Lawrence. Figures 4 and 5 show time series of temperature from Bedford Basin for the period July, 1980 to January 1981 and August to November 1982 respectively. Warmer temperatures generally correspond to shallower depths. Temperature differences between the shallowest and deepest sensor of up to 12°C occur for the records shown in Fig. 4 and of up to 10°C for those in Fig. 5. The breakdown of stratification in the fall is seen in both diagrams. The mean temperatures over the entire time series were 10.4, 10.1, 9.7, 7.8 (data suspect), 9.2, 8.2, 7.5 and 7.8°C at 0, 1, 2, 4, 7, 12, 18 and 30 m (Fig. 4). Similarly, they were 11.6, 11.4, 10.9, 10.3, 9.5, 8.8 and 5.2°C at 0, 1.7, 3.2, 6.2, 10.8, 16.9 and 29.1 m (Fig. 5). If these variations and differences be important to biological processes, then, in future we must sample at more than one depth at selected sites. In 1982, sampling at multiple depths was carried out at Cape Sable, St. Margaret's Bay and Fourchu.

Figure 6 shows monthly mean temperature and its standard deviation as a function of depth in St. Georges Bay, N.S. These data were collected using a thermistor chain and are provided by Ken Drinkwater (MEL). The time series showed differences between the sensors at 5 and 31 m in daily mean temperatures of up to 18°C whereas the mean temperature for August differed by 14°C between these depths. These records should be quite representative of the southern Gulf of St. Lawrence. Mean temperatures over the entire record (April 26-October 7) varied from 13.9°C at 5 m to 3.6°C at 31 m. The September profile (Fig. 6) shows the deepening of the upper layer. By the last week of sampling the water temperture was uniform to 25 m. Again if these differences be important, provision must be made

at certain sites in the Gulf to sample at several depths for the period April-September.

The Atlantic Oceanographic Laboratory is intending to carry out an extensive review of our part in long term temperature monitoring program this year.

Table 1

Site Destinations

Area 1: Scotia-Fundy

1. Grand Manan, N.B.
2. Kennebecasis Bay, N.B.
3. Alma, N.B.
4. Delaps Cove, N.S.
5. Port Maitland, N.S.
6. Trinity Ledge, N.S.
7. Yarmouth, N.S.
8. Gannet Rock, N.S.
9. Argyle Sound, N.S.
10. Whale Island, N.S.
11. Lobster Bay, N.S.
12. Mud Island, N.S.
13. Pubnico, N.S.
14. St. John's Ledge, N.S.
15. Duck Island, N.S.
16. Cape Sable, N.S
17. Crowell Basin, N.S.
18. SW Brown's Bank, N.S.
19. SE Brown's Bank, N.S.
20. Port Latour, N.S.
21. Ingomar, N.S.
22. Lockeport, N.S.
23. Port Mouton, N.S.
24. Stonehurst, N.S.
25. St. Margaret's Bay, N.S.
26. East Dover, N.S.
27. Coil Cove, N.S.
28. Three Fathom Harbour, N.S.
29. Pleasant Point Pond, N.S.
30. Navy Pool, Jeddore, N.S.
31. Ship Harbour, N.S.
32. Beaver Harbour, N.S.
33. Spanish Ship Bay, N.S.
34. New Harbour, N.S.
35. Dorts Cove, N.S.
36. Orpheus Rock, N.S.
37. Isle Madame, N.S.
38. Fourchu, N.S.
39. Gabarus, N.S.
40. Main-a-Dieu, N.S.
41. Seal Island, N.S.
42. Wreck Cove, N.S.

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10. Whale Island, N.S.
11. Lobster Bay, N.S.
12. Mud Island, N.S.
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37. Isle Madame, N.S.
38. Fourchu, N.S.
39. Gabarus, N.S.
40. Main-a-Dieu, N.S.
41. Seal Island, N.S.
42. Wreck Cove, N.S.

Table 1 (Cont'd)

Area 2: Gulf

43. Bayfield, N.S.
44. Pictou Island, N.S.
45. Toney River, N.S.
46. Skinners Cove, N.S.
47. Pugwash, N.S.
48. Victoria, P.E.I.
49. Bayfield, N.B.
50. Cape Egmont, P.E.I.
51. West Point, P.E.I.
52. Richibucto, N.S.
53. Miminegash, P.E.I.
54. Escuminac, N.B.
55. Caraquet, N.B.
56. Tignish, P.E.I.
57. Rustico, P.E.I.
58. North Lake, P.E.I.
59. Beach Point, P.E.I.
60. Cheticamp, N.S.
61. Pleasant Bay, N.S.
62. Havre aux Maisons, Magdalen Islands, P.Q.
63. Dune du Sud, Magdalen Islands P.Q.
64. Shag Island, Magdalen Islands P.Q.
65. Bonne Bay, Nfld.
66. Parsons Pond, Nfld.
67. Bay St. George, Nfld.
68. Anchor Point, Nfld.

Table 2
Area 1, Scotia-Fundy

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Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
1A	GRAND MANAN-LONG IS. NB *	60465	25	44.75	66.75	Jul 20/1982	Aug 9/1982
1B	GRAND MANAN-LONG IS. NB *	60465	25	44.75	66.75	Aug 9/1982	Sep 2/1982
1C	GRAND MANAN-LONG IS. NB *	61047	25	44.75	66.75	Sep 2/1982	Sep 30/1982
1D	GRAND MANAN-LONG IS. NB *	61047	25	44.75	66.75	Sep 30/1982	Nov 2/1982
1E	GRAND MANAN-LONG IS. NB *	61671	N/R	44.75	66.75	DEL SEPT 82, ON SITE.	
2A	KENNEBECASIS BAY NB	61676	54	45.35	66.07	Oct 27/1981	Dec 4/1981
2B	KENNEBECASIS BAY NB	61634	49	45.36	66.08	Dec 4/1981	Apr 24/1982
2C	KENNEBECASIS BAY NB	62627	44	45.36	66.08	Jun 21/1982	Aug 22/1982
2D	KENNEBECASIS BAY NB	62627	44	45.36	66.08	Aug 23/1982	Nov 17/1982
2E	KENNEBECASIS BAY NB	61644	40	45.40	66.02	Jun 23/1982	Aug 27/1982
2F	KENNEBECASIS BAY NB	61644	40	45.40	66.02	Sep 1/1982	Nov 19/1982
2G	KENNEBECASIS BAY NB	61655	33	45.32	66.11	Jun 23/1982	Sep 1/1982
2H	KENNEBECASIS BAY NB	61655	33	45.32	66.11	Sep 1/1982	Nov 17/1982
2I	KENNEBECASIS BAY NB	62628	34	45.45	66.00	Jun 22/1982	Sep 7/1982
2J	KENNEBECASIS BAY NB	62628	34	45.45	66.00	Sep 8/1982	Nov 15/1982
3A	ALMA NB *	60465	30	45.60	64.95	Jun 2/1982	Jun 29/1982
3B	ALMA NB *	60909	N/R	45.60	64.95	DEL AP 82.RET UNUSED.	
3C	ALMA NB *	60453	30	45.60	64.95	Jun 30/1982	Jul 28/1982
4A	DELAPS COVE NS	61694	28	44.78	65.63	Apr 29/1982	Aug 23/1982
4B	DELAPS COVE NS	61650	28	44.76	65.68	Sep 1/1981	Feb 11/1982
4C	DELAPS COVE NS	62495	17	44.78	65.63	Sep 1/1982	Oct 29/1982
5A	PORT MAITLAND NS	61443	18	43.99	66.18	Nov 18/1981	Dec 24/1981
5B	PORT MAITLAND NS *	N/R	N/R	43.96	66.18	Apr 23/1982	May 27/1982
5C	PORT MAITLAND FAIR. NS	60991	14	43.99	66.18	DEL AP82.REP MISS REC DEC	
6A	TRINITY LEDGE NS	61644	N/R	43.99	66.08	DEL DEC81.RET UNUSED AP82	
6B	TRINITY LEDGE NS	62501	N/R	43.98	66.34	DEL AP 82.RET UNUSED.	
7A	YARMOUTH BAR NS	61615	N/R	43.76	66.24	DEL JUL 81.RET UNUSED OCT	
7B	YARMOUTH BAR NS	61691	11	43.76	66.24	DEL DEC81.REP MISS MAR 82	
7C	YARMOUTH FERRY TRACK NS	61471	N/R	43.76	66.27	DEL MAY 82.RET UNUSED AUG	
8A	GANNET ROCK NS	61631	10	43.65	66.14	DEL JUL81.INST OPENED	
8B	GANNET ROCK NS	61683	17	43.65	66.14	DEL JUL81.INST OPENED	
8C	GANNET ROCK NS	61683	N/R	43.65	66.14	DEL DEC81.REP MISS MAR 82	
8D	GANNET ROCK NS	62456	13	43.65	66.14	May 30/1982	Jul 11/1982
8E	GANNET ROCK NS	62459	22	43.65	66.14	May 31/1982	Aug 21/1982
9A	ARGYLE S.-RANKIN IS. NS	61651	6	43.74	65.85	Oct 30/1981	Apr 7/1982
9B	ARGYLE S.-RANKIN IS. NS	61690	6	43.74	65.85	May 31/1982	Jul 9/1982
9C	ARGYLE S.-BOARD IS. NS	61469	8	43.73	65.95	Nov 2/1981	Mar 31/1982
9D	ARGYLE S.-BOARD IS. NS	61049	8	43.73	65.85	Mar 29/1982	Sep 10/1982
9E	ARGYLE S.-MORRIS IS. NS	61454	10	43.75	65.85	DEL OCT 30/81.REP MISS AP.	
9F	ARGYLE S.-INDIAN SL. NS	61734	10	43.77	65.94	Oct 20/1981	Mar 29/1982
9G	ARGYLE S.-INDIAN SL. NS	61653	9	43.77	65.94	DEL OCT 30/81.REP MISS AP.	
9H	ARGYLE S.-GLENWOOD NS	61031	7	43.81	65.88	Mar 25/1982	Sep 7/1982
9I	ARGYLE S.-GLENWOOD NS	61684	7	43.81	65.88	Oct 30/1981	Mar 25/1982
9J	ARGYLE S. NS	60908	N/R	43.75	65.85	Jun 4/1982	Aug 30/1982
9K	ARGYLE S. NS	61455	N/R	43.75	65.88	DEL MAR 82.REP MISS JUL	
9L	ARGYLE S. NS	61640	N/R	43.75	65.88	DEL MAR 82.REP MISS JUL	
9M	ARGYLE S. NS	61044	N/R	43.75	65.88	DEL AUG 82, ON SITE.	
9N	ARGYLE S. NS	60910	N/R	43.75	65.88	DEL AUG 82, ON SITE.	
9O	ARGYLE S. NS	61669	N/R	43.75	65.88	DEL AUG 82, ON SITE.	
10A	WHALE ISLAND NS	61048	7	43.72	65.84	Oct 22/1980	Apr 14/1981
10B	WHALE ISLAND NS	61680	N/R	43.72	65.84	DEL MAR82.RET UNUSED.	
10C	WHALE ISLAND NS	61670	N/R	43.72	65.84	DEL AP 82, MECH FAIL.	

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Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
11A	LOBSTER BAY NS	61659	1	43.75	65.84	DEL APR 82, MECH FAIL.	
11B	LOBSTER BAY NS	62553	N/R	43.75	65.84	DEL NOV 82, ON SITE.	
12A	MUD ISLAND NS	61615	N/R	43.48	65.93	DEL DEC81.RET UNUSED JUN	
12B	MUD ISLAND NS	61654	5	43.49	65.96	DEL MAY 82.NO REPORT.	
12C	MUD ISLAND NS	N/R	14	43.48	65.93	DEL JUL 82.REP MISS AUG	
13	PUBNICO NS	61659	5	43.60	65.80	Jun 11/1982	Aug 19/1982
14	ST. JOHN'S LEDGE NS	61668	12	43.50	65.81	DEL FEB82.REC BEACH FEB.	
15	DUCK ISLAND NS	61680	20	43.40	65.70	DEL JUN 82.REP MISS JUL.	
16A	CAPE SABLE NS	61665	24	43.38	65.63	Sep 22/1981	Feb 23/1982
16B	CAPE SABLE NS	61669	17	43.36	65.63	Feb 22/1982	Jul 22/1982
16C	CAPE SABLE NS	61630	N/R	43.38	65.63	Jul 28/1982	Dec 10/1982
16D	CAPE SABLE NS	62547	N/R	43.36	65.63	DEL DEC '82, ON SITE.	
17A	CROWELL BASIN NS	62477	220	42.93	67.12	Aug 24/1982	Sep 23/1982
17B	CROWELL BASIN NS	62477	240	42.97	67.00	Oct 24/1982	Nov 28/1982
18A	S W BROWNS BANK	N/R	175	42.57	66.33	Aug 3/1982	Aug 11/1982
18B	S W BROWNS BANK NS	61694	160	42.60	66.33	Sep 29/1982	Dec 1/1982
19	S E BROWNS BANK	N/R	N/R	42.50	65.60	DEL NOV 82, ON SITE.	
20A	PORT LATOUR NS	61470	21	43.49	65.43	Dec 5/1981	May 22/1982
20B	PORT LATOUR NS	61634	N/R	43.49	65.43	DEL MAY 82, MECH FAIL.	
21A	INGOMAR NS	61618	N/R	43.53	65.31	REP MISS AUG81.REC FEB82.	
21B	INGOMAR NS	61624	40	43.53	65.31	Jan 30/1982	Jul 10/1982
21C	INGOMAR NS	61042	40	43.53	65.31	DEL JUL82.REP MISS OCT.	
21D	INGOMAR NS	N/R	N/R	43.53	65.31	DEL OCT 82, ON SITE.	
22A	LOCKEPORT NS	62460	N/R	43.64	65.12	DEL JUN 82.REP MISS OCT	
22B	LOCKEPORT NS	62553	N/R	43.64	65.12	DEL. OCT 82, ON SITE.	
23	PORT MOUTON NS	62500	17	43.90	64.85	DEL APR 82.REP MISS OCT.	
24	STONEHURST NS	62498	11	44.37	64.19	DEL APR 82.REP MISS OCT.	
25A	ST MARGARETS BAY NS	61523	20	44.50	63.96	Jun 15/1981	Oct 3/1981
25B	ST MARGARETS BAY NS	61540	1	44.51	63.92	Jun 18/1981	Oct 20/1981
26	EAST DOVER NS	61664	7	44.50	63.83	Apr 20/1982	Sep 24/1982
27	COIL COVE NS	61659	7	44.51	63.84	Oct 22/1981	Nov 21/1981
28	THREE FATHOM HARBOUR NS	62496	19	44.62	63.17	DEL APR 82.REP MISS JUN	
29A	PLEASANT POINT POND NS	61630	3	44.72	63.08	Nov 24/1981	May 19/1982
29B	PLEASANT POINT POND NS	62462	3	44.72	63.08	Jun 1/1982	Oct 28/1982
30A	NAVY POOL JEDDORE NS	62453	4	44.71	63.01	Jul 21/1982	Oct 4/1982
30B	NAVY POOL JEDDORE NS	62463	N/R	44.71	63.01	DEL OCT 82, ON SITE.	
31	SHIP HARBOUR NS	61451	6	44.77	62.81	DEL NOV 81.REP MISS MAY	
32A	BEAVER HARBOUR NS	61636	6	44.87	62.40	Jan 1/1982	May 29/1982
32B	BEAVER HARBOUR NS	62463	6	44.87	62.40	DEL MAY 82.NO REPORT.	
32C	BEAVER HARBOUR NS	61540	N/R	44.87	62.40	DEL OCT 82, ON SITE.	
32D	BEAVER HARBOUR NS	60753	N/R	44.87	62.40	DEL OCT 82, ON SITE.	
33A	SPANISH SHIP BAY NS	60931	4	45.02	62.02	Nov 25/1981	May 29/1982
33B	SPANISH SHIP BAY NS	62458	3	45.02	62.02	Jun 2/1982	Oct 4/1982
33C	SPANISH SHIP BAY NS	61650	5	45.02	62.02	DEL OCT 82, ON SITE.	
34A	NEW HARBOUR NS	60736	12	45.13	61.38	DEL SEPT 81.MECH FAIL.	
34B	NEW HARBOUR NS	61633	14	45.13	61.38	DEL MAR 82.MECH FAIL.	
34C	NEW HARBOUR NS	61471	18	45.13	61.38	DEL AUG 82.MECH FAIL.	
35	DORTS COVE NS	62551	19	45.36	61.28	Apr 19/1982	Oct 10/1982
36	ORPHEUS ROCK CB NS	62471	132	45.47	60.88	Oct 13/1982	Nov 20/1982
37	ISLE MADAME NS	61666	18	45.60	60.95	Jun 4/1982	Oct 6/1982
38A	FOURCHU NS	62477	N/R	45.69	60.20	DEL APR 82.MECH FAIL.	

Index of RYAN data 1983/02/08. 23.02.49 Page 3

Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
38B	FOURCHU NS	61633	22	45.69	60.20	May 13/1982	Oct 5/1982
38C	FOURCHU NS	62466	129	45.64	59.93	Jul 28/1982	Aug 30/1982
39A	GABARUS NS	61665	28	45.81	60.05	DEL MAR 82.MECH FAIL.	
39B	GABARUS NS	61657	23	45.78	60.11	May 22/1982	Jul 12/1982
39C	GABARUS NS	61657	76	45.81	60.05	Aug 17/1982	Aug 25/1982
40	MAIN A DIEU NS	61675	20	46.00	59.75	DEL MAY 82.REP MISS OCT.	
41A	SEAL ISLAND NS	61689	16	46.19	60.55	Jun 4/1982	Oct 14/1982
41B	SEAL ISLAND NS	61673	3	46.19	60.55	Jun 14/1982	Aug 9/1982
41C	SEAL ISLAND NS	62497	3	46.19	60.55	Oct 7/1982	Oct 14/1982
41D	SEAL ISLAND NS	62545	N/R	46.19	60.55	DEL OCT 82, ON SITE.	
41E	SEAL ISLAND NS	61659	N/R	46.19	60.55	DEL OCT 82, ON SITE.	
41F	SEAL ISLAND NS	61663	N/R	46.19	60.55	DEL OCT 14/82, ON SITE.	
42A	WRECK COVE NS	61455	122	46.61	60.11	MECH FAIL.-51011 JUN-OCT	
42B	WRECK COVE NS	62509	N/R	46.61	60.11	DEL APR 82.NO REPORT.	

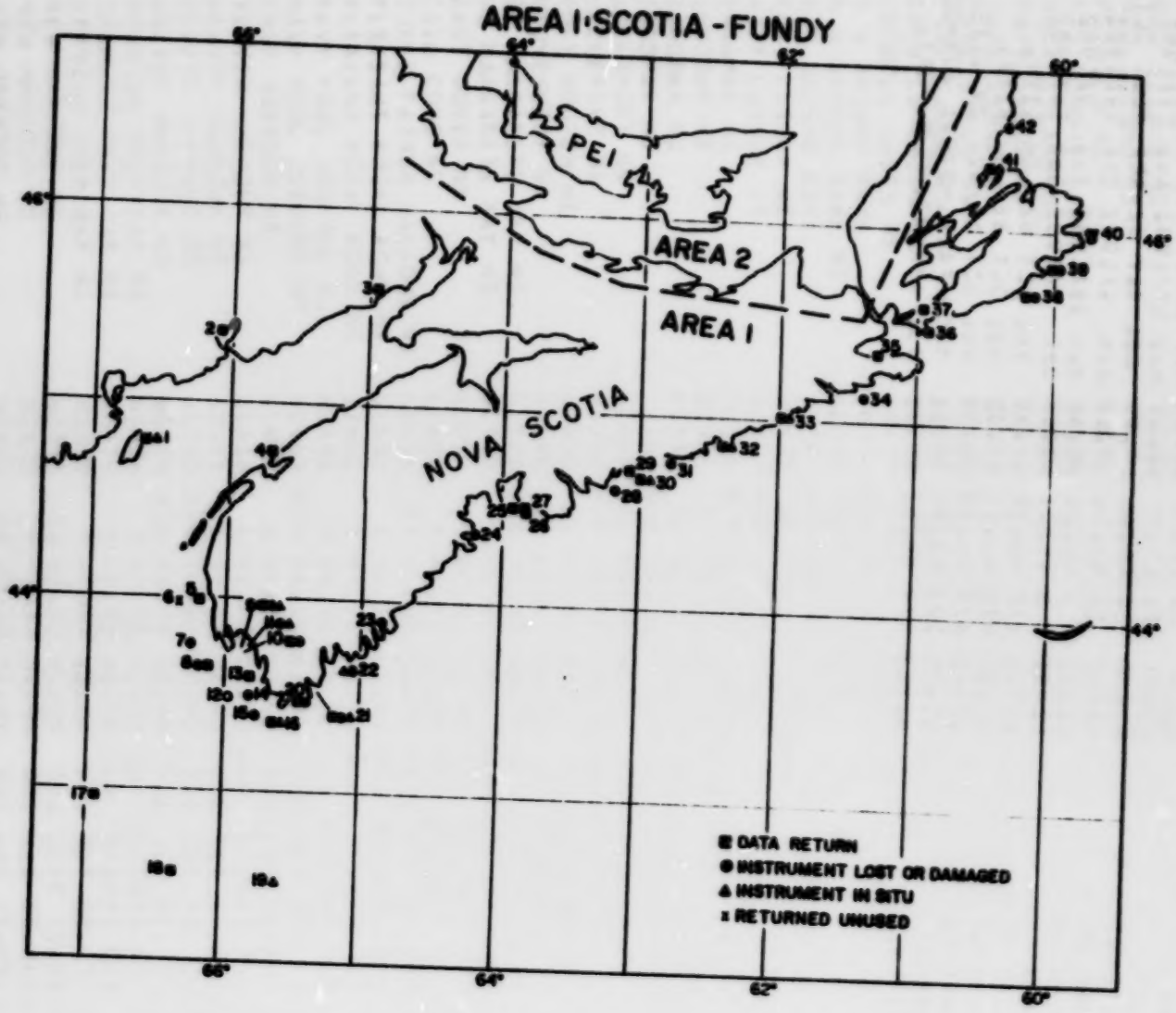

AREA I-SCOTIA - FUNDY
PEI
AREA 2
AREA I
NOVA SCOTIA
DATA RETURN
INSTRUMENT LOST OR DAMAGED
INSTRUMENT IN SITU
RETURNED UNUSED

Figure 1

Table 3
Area 2, Gulf
Index of RYAN data 1983/02/09. 14.38.45 Page 1

Sta.	Name	Serial	Dep.	Lat.	Long.	Start Time	Stop Time
43	BAYFIELD NS	60733	14	45.65	61.70	DEL MAY 82.REP MISS AUG.	
44	PICTOU ISLAND NS	62545	19	45.81	62.45	Jul 30/1982	Sep 20/1982
45	TONEY RIVER NS	61631	9	45.00	62.83	DEL JUN 82.REP MISS OCT.	
46	SKINNERS COVE NS	62547	13	45.83	63.05	Jun 1/1982	Sep 18/1982
47	PUGWASH NS	62502	17	45.90	63.68	Apr 23/1982	Sep 17/1982
48	VICTORIA PEI	62549	11	46.18	63.48	May 8/1982	Sep 20/1982
49	BAYFIELD NB	62552	N/R	46.20	63.75	DEL AP 82.RET UNUSED SEPT	
50A	CAPE EGMONT PEI	62550	N/R	46.38	64.13	DEL AP 82.RET UNUSED SEPT	
50B	CAPE EGMONT PEI	61052	12	46.38	64.13	Jun 26/1982	Sep 23/1982
51	WEST POINT PEI	62483	11	46.66	64.40	Jun 30/1982	Sep 18/1982
52	RICHIBUCTO NB	62543	N/R	46.80	64.07	DEL APR 82.REP MISS AUG.	
53	MIMINEGASH PEI	61469	17	46.90	64.34	DEL JUN 82.REP MISS AUG.	
54	ESCUMINAC NB	62476	N/R	47.09	64.88	DEL JUL 82.RET UNUSED NOV	
55A	CARAQUET NB	61618	N/R	47.83	64.91	DEL JUN 82.RET UNUSED JUL.	
55B	CARAQUET NB	61618	N/R	0.00	0.00	DEL AUG 82.RET DAMAGED.	
56	TIGNISH PEI	61684	10	46.93	63.93	TECH FAIL,2.9-15.4JUN-SEP	
57	RUSTICO PEI	61734	18	46.55	63.27	Jun 13/1982	Oct 28/1982
58	NORTH LAKE PEI	61686	12	46.50	62.00	DEL JUN 82.REP MISS AUG.	
59	BEACH POINT PEI	62548	10	46.04	62.48	May 25/1982	Jul 3/1982
60A	CHETICAMP CB NS	61685	12	46.66	61.03	DEL OCT 81.REP MISS MAY.	
60B	CHETICAMP CB NS	61732	N/R	46.66	61.03	DEL AP 82.LOST IN TRANSIT	
60C	CHETICAMP CB NS	61035	14	46.67	61.03	DEL MAY 82.REP MISS SEP.	
61A	PLEASANT BAY CB NS	62467	18	46.85	60.81	Jun 6/1982	Sep 2/1982
61B	PLEASANT BAY CB NS	61668	146	46.90	60.78	DEL MAY 82.REP MISS SEP.	
62A	MAG IS-H AUX MAISONS PQ	60860	20	47.40	61.84	Sep 4/1981	Feb 21/1982
62B	MAG IS-H AUX MAISONS PQ	62472	20	47.42	61.87	Jun 19/1982	Oct 19/1982
62C	MAG IS-H AUX MAISONS PQ	61695	20	47.42	61.87	DEL MAY 82.RET UNUSED.	
63A	MAG IS-DUNE DU SUD PQ	62545	18	47.53	61.67	May 3/1982	Aug 20/1982
63B	MAG IS-DUNE DU SUD PQ	62475	26	47.52	61.57	May 20/1982	Aug 25/1982
63C	MAGDALEN ISLANDS PQ	62457	N/R	47.52	61.57	DEL MAY 82.NO REPORT.	
63D	MAGDALEN ISLANDS PQ	62474	N/R	47.52	61.57	DEL JUN 82.NO REPORT.	
63E	MAGDALEN ISLANDS PQ	61649	N/R	47.52	61.57	DEL SEP 81.NO REPORT.	
63F	MAGDALEN ISLANDS PQ	62506	N/R	47.52	61.57	DEL APR 81.NO REPORT.	
64	MAG IS-SHAG ISLAND PQ	61625	18	47.47	61.65	Sep 12/1981	Jan 31/1982
65	BONNE BAY NFLD	61675	34	49.60	57.92	May 11/1982	Sep 5/1982
66	PARSONS POND NFLD	61636	22	50.00	57.72	Jun 7/1982	Jul 12/1982
67	BAY ST. GEORGE NFLD	61674	20	48.85	58.88	DEL MAR 82.REP LOST.	
68A	ANCHOR PT. B. ISLE NFLD	61629	53	51.25	56.79	DEL JUL81.REP LOST DEC81.	
68B	ANCHOR PT. B. ISLE NFLD	61446	53	51.25	56.79	DEL JUL81.REP LOST DEC81.	

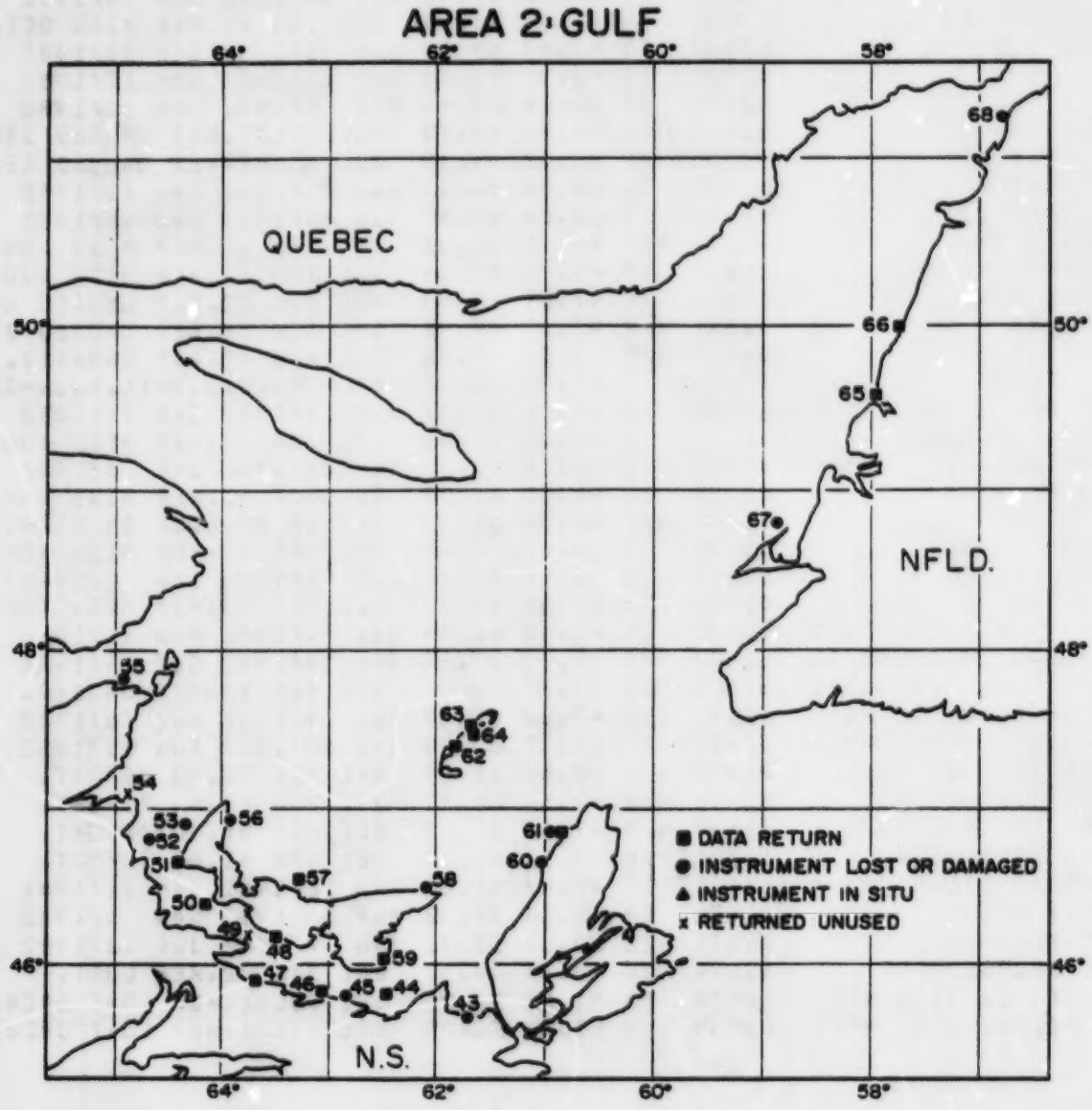

AREA 2 GULF
64°
62°
60°
58°
QUEBEC
NFLD.
N.S.
50°
48°
46°
68
66
65
67
55
54
53
52
51
56
57
58
50
49
48
59
47
46
45
44
43
63
64
62
61
60
DATA RETURN
INSTRUMENT LOST OR DAMAGED
INSTRUMENT IN SITU
RETURNED UNUSED

Figure 2

Table 4
Summary of data return and loss

	Scotia-Fundy	Gulf
Deployments	85	28
Instruments lost	16	11
Usable data	5705 days	1672 days
Unusable or missing data	856 days	104 days
Average mooring period	95 days	105 days
Instruments lost x average mooring period	1522 days	1150 days
% data return (lost instruments omitted)	87%	94%
% data return (lost instruments included)	71%	57%
Instruments with mechanical or electrical failure	9	1
Instruments adrift but recovered	2	2

Table 5

Monthly degree calculations relative to 0°C

LOCATION		1981				1982													
		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Grand Manan	(25)													230*	269*	296*	325		
Kennebecasis	(54)					270													
"	(49)						216*	200	99	84	60*								
"	(44)												183*	268	323	321	332	330*	
"	(40)													197	265*	293	283	275*	
"	(33)													219	266	299	302	285*	
"	(34)												103*	164	235	232*	254	265*	
Alma	(30)												241*	325*					
Delaps Cove	(28)			348	312	257	206	92	63*		125*	165	230	290	323*				
"	(17)															358	326*		
Port Maitland	(18)					200*	177*					172*							
Gannet Rock	(13)												236	274*					
" "	(22)												211	315	334*				
Argyle Sound	(6)					365	260	137	100	151			378						
" "	(8)					261	170	39	2	43	139	283	388	496	504	467*			
" "	(10)				262*	163	62			44*									
" "	(7)					349	245	115	89	153*	192	368	454	592	573				

Table 5 (Cont'd)

LOCATION		1981					1982												
		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Argyle Sound	(0)												408*	545	537*				
Pubnico	(5)												314*	394	410				
Cape Sable	(17)									26	82	189	236	240*	238	240	365	256	213*
Crowell Basin	(220)															222*			
" "	(240)																	200*	
SW Brown's Bank	(160)																94	229	
Port Latour	(21)						181*	92	40	16	68	151*							
Ingomar	(40)										13	127	185	182*					
St. Margaret's Bay	(20)	52	174	331															
" "	(1)	386	482	488	337*														
East Dover	(7)										34*	115	217	224	290	244			
Coil Cove	(7)				312*	268*													
Pleasant Pt. Pond	(3)						140	29	1	22	145	254*	393	519	567	485	378*		
Navy Pool	(4)													473*	501	435			
Beaver Hbr.	(6)							33			10	126*							
Spanish Ship Bay	(4)						173	55			34	161*	263	309	375	371			
Dorts Cove	(19)										6*	105	206	197	363	393	435*		
Orpheus Rock	(132)																29*	31*	

Table 5 (Cont'd)

LOCATION		1981						1982											
		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Isle Madame	(18)												201*	230	413	445			
Fourchu	(22)											106*	120	222	370	397			
"	(129)														47*				
Gabarus	(23)											87*	139	152*					
Seal Island	(16)												265*	461	531	485	421*		
" "	(3)												303*	438					
Pictou Island	(19)														499	455*			
Skinners Cove	(13)												232	355	471	463*			
Pugwash	(17)											149	299	354	493	482*			
Victoria	(11)											177*	346		518	469*			
Cape Egmont	(12)													545	574	480*			
West Point	(11)													532	568	467*			
Rustico	(18)												85*	154	285	193	312*		
Beach Pt.	(10)												169						
Pleasant Bay	(18)												469*	510	423				
Havre aux Maisons	(20)			421*	276	141	60		1					506	503	411	274*		
Dune du Sud	(18)											67*	186	321	380*				

Table 5 (Cont'd)

LOCATION		1981						1982											
		Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Dune du Sud	(26)											109*	242	376	421*				
Shag Island	(18)			210*	166	61	15	17											
Bonne Bay	(34)											111*	228	388	445				
Parson's Pond	(22)												179*	302*					

( ) designates instrument depth

* designates calculations based on less than a full month's data

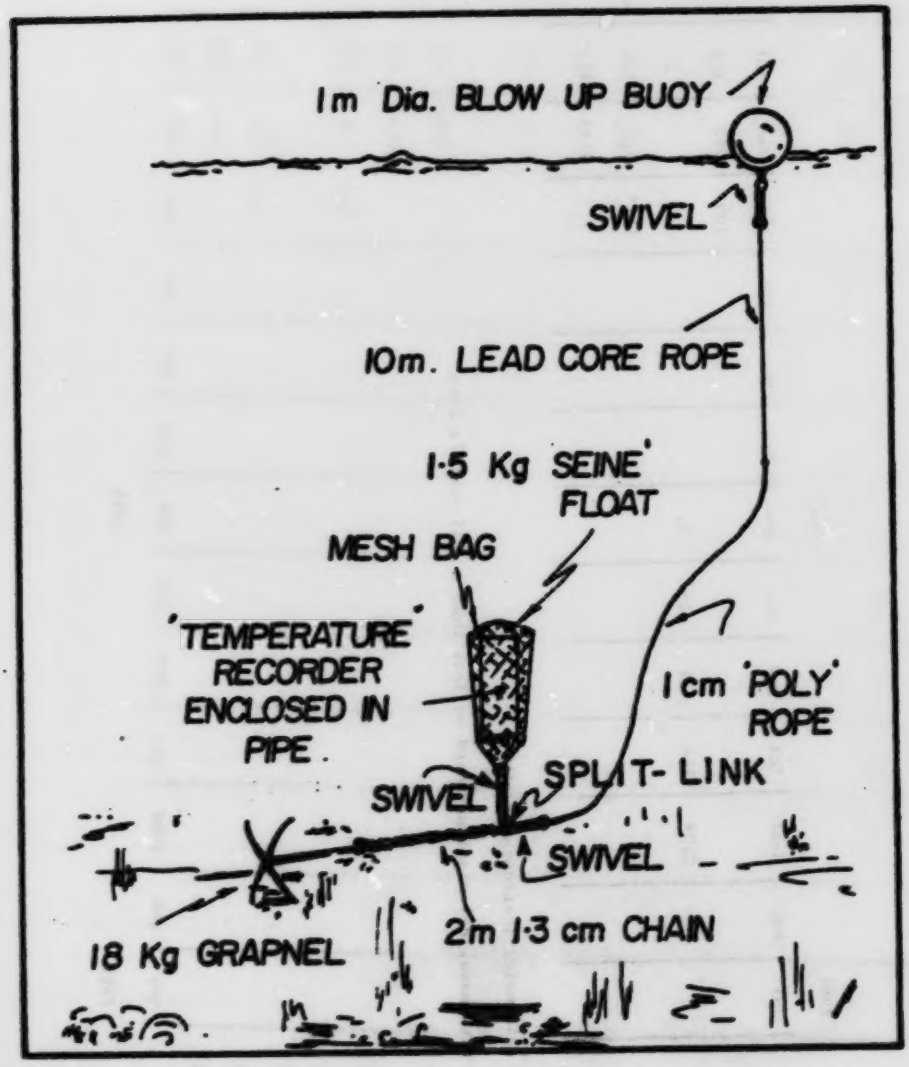


Fig. 3. Mooring diagram for temperature recorder.

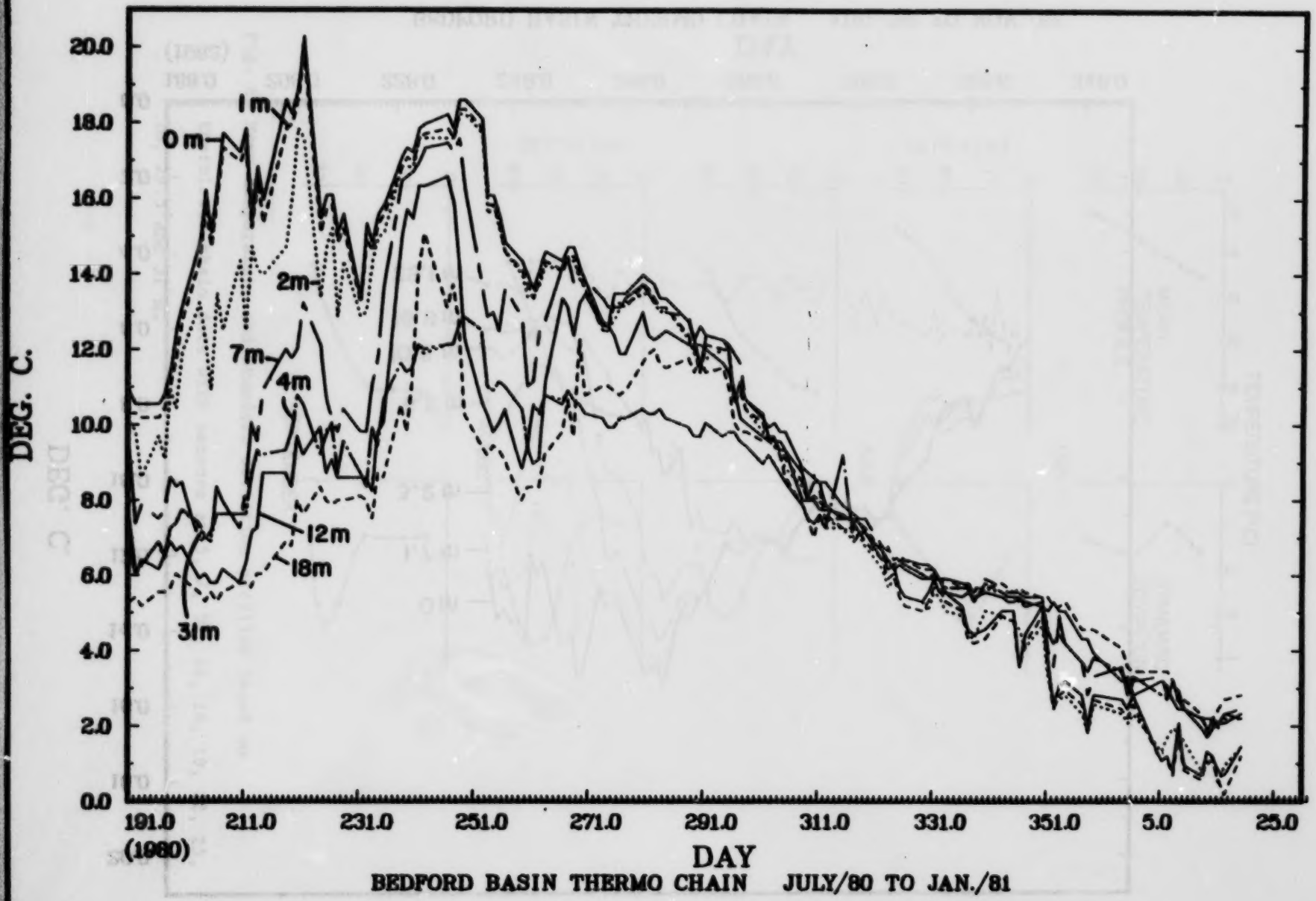

TEMP.
DEG. C.
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0m
1m
2m
4m
7m
12m
18m
31m
191.0
(1980)
211.0
231.0
251.0
271.0
291.0
311.0
331.0
351.0
5.0
25.0
DAY
BEDFORD BASIN THERMO CHAIN JULY/80 TO JAN./81

Figure 4

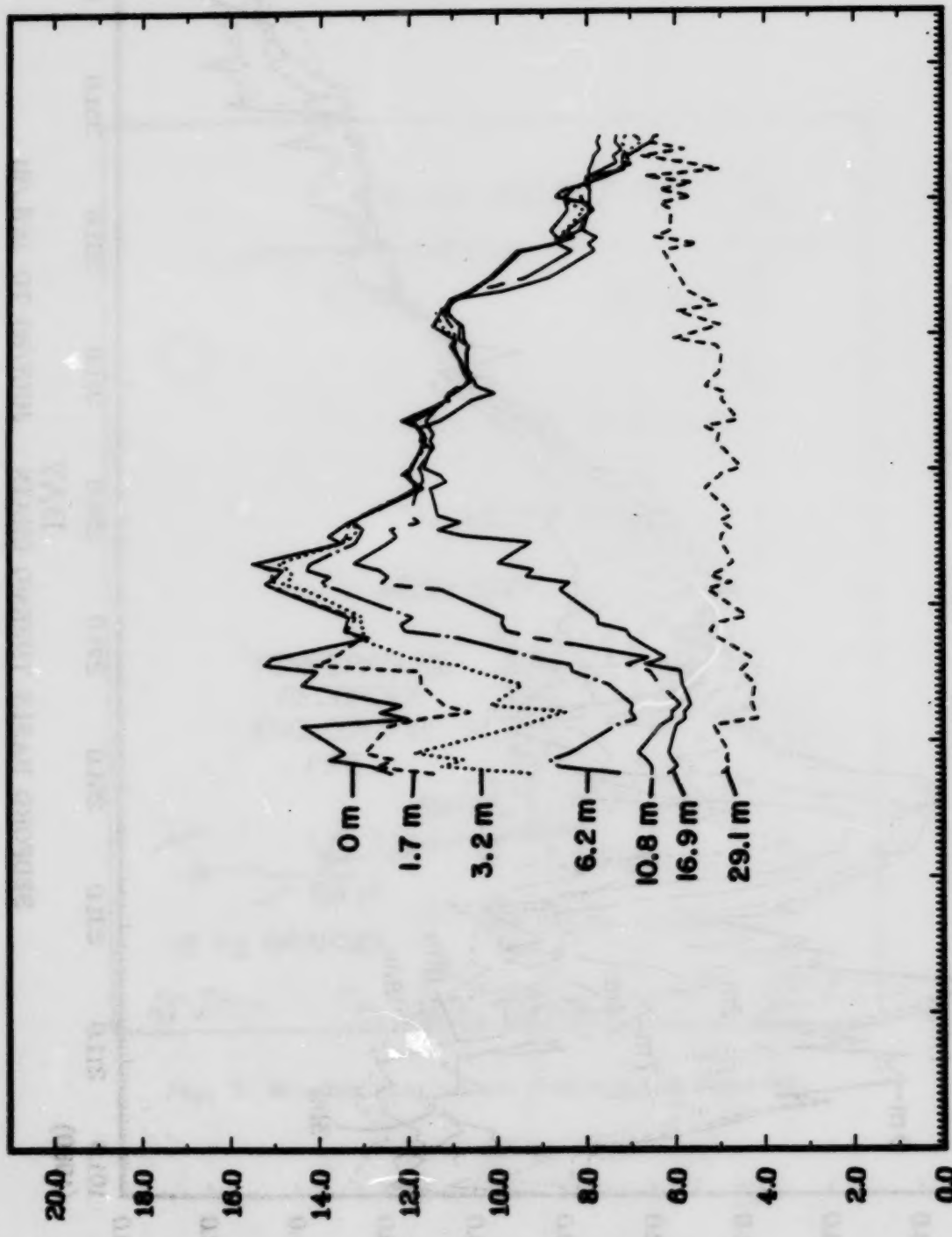

TEMP.
DEG. C.
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
0m
1.7 m
3.2 m
6.2 m
10.8 m
16.9 m
29.1 m
188.0
208.0
228.0
248.0
268.0
288.0
308.0
328.0
348.0
DAY
(1982)
BEDFORD BASIN THERMO CHAIN AUG./82 TO NOV./82

Figure 5

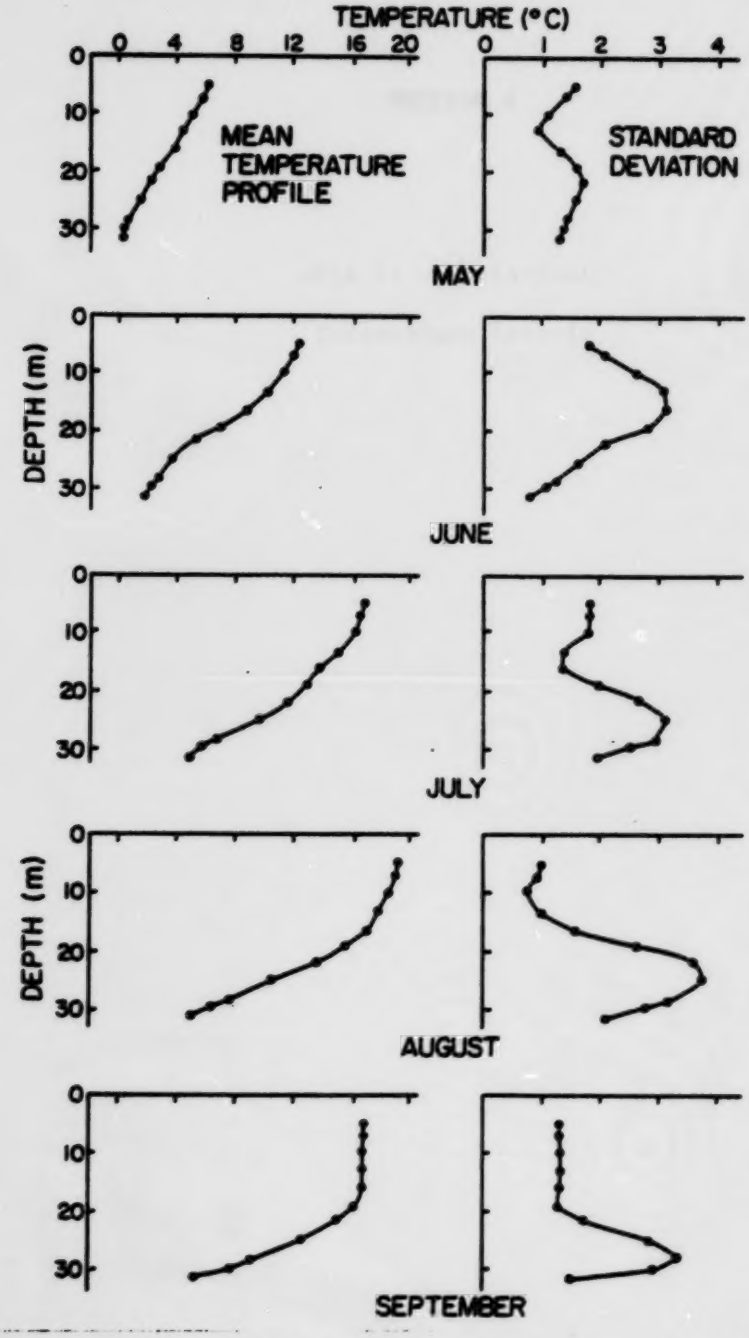


Fig. 6. Mean temperature and standard deviation profiles based on thermistor chain data with sensors at 5, 7, 10, 13, 16, 19, 22, 25, 28, 29.5 and 31 m.

SECTION 8

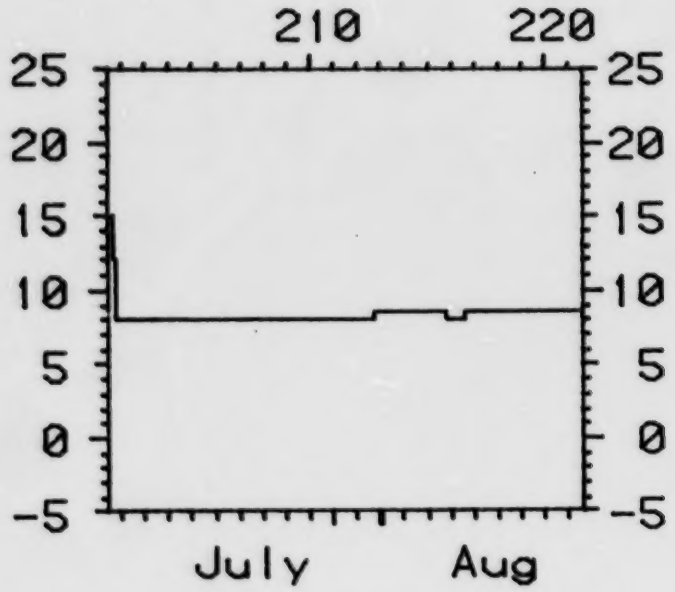
AREA 1: Scotia-Fundy

Temperature Records

GRAND MANAN - LONG ISLAND BAY *

Pos. : 44.75, 66.75 Depth : 25.0 meters

July 20, 1982 11:00 GMT to Aug 9, 1982 15:00 GMT



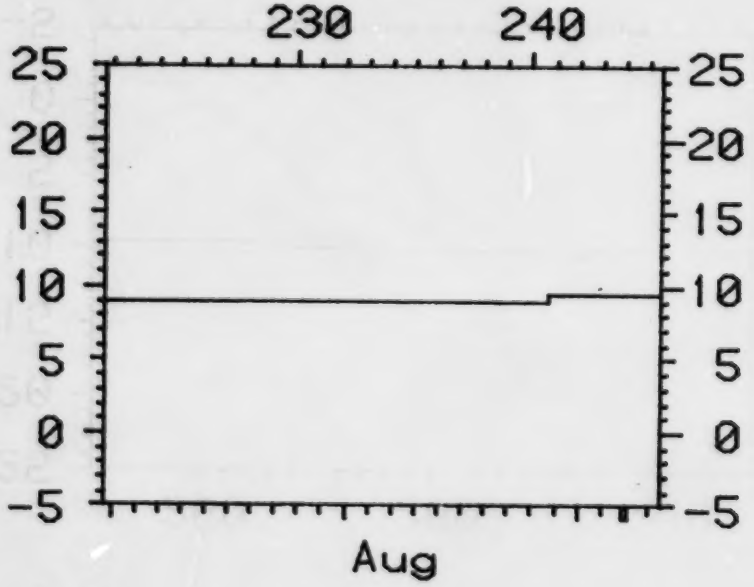
Instrument : 60465

Station 1A

GRAND MANAN - LONG ISLAND BAY *

Pos. : 44.75, 66.75 Depth : 25.0 meters

Aug 9, 1982 18:00 GMT to Sept 2, 1982 14:00 GMT



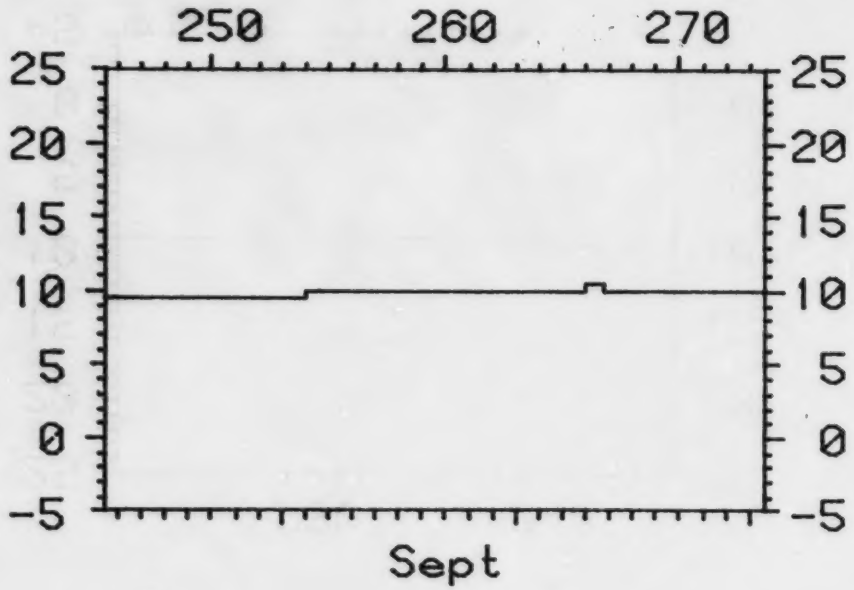
Instrument : 60465

Station 1B

GRAND MANAN - LONG ISLAND BAY *

Pos. : 44.75, 66.75 Depth : 25.0 meters

Sept 2, 1982 11:30 GMT to Sept 30, 1982 15:30 GMT

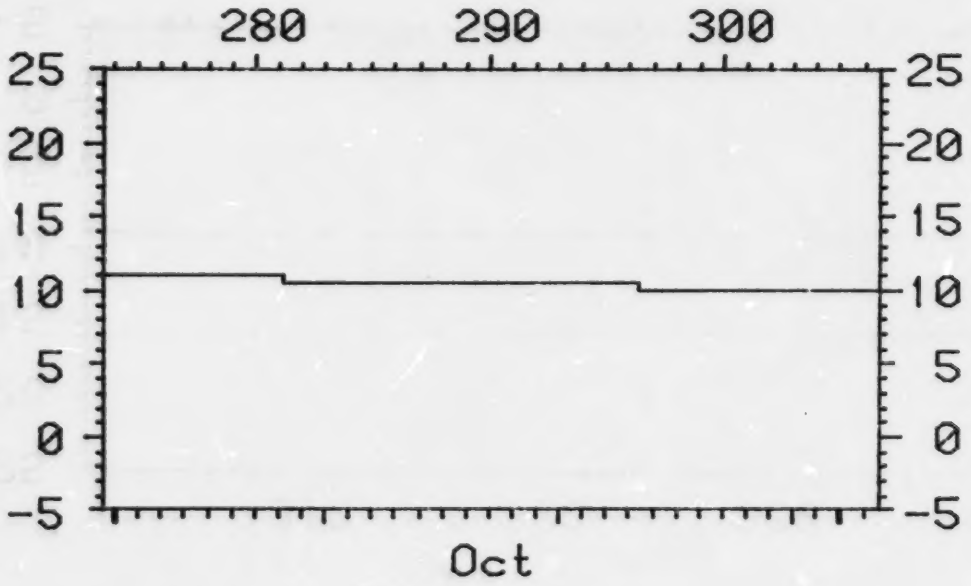


Instrument : 61047

GRAND MANAN - LONG ISLAND BAY *

Pos. : 44.75, 66.75 Depth : 25.0 meters

Sept 30, 1982 15:40 GMT to Nov 2, 1982 17:39 GMT



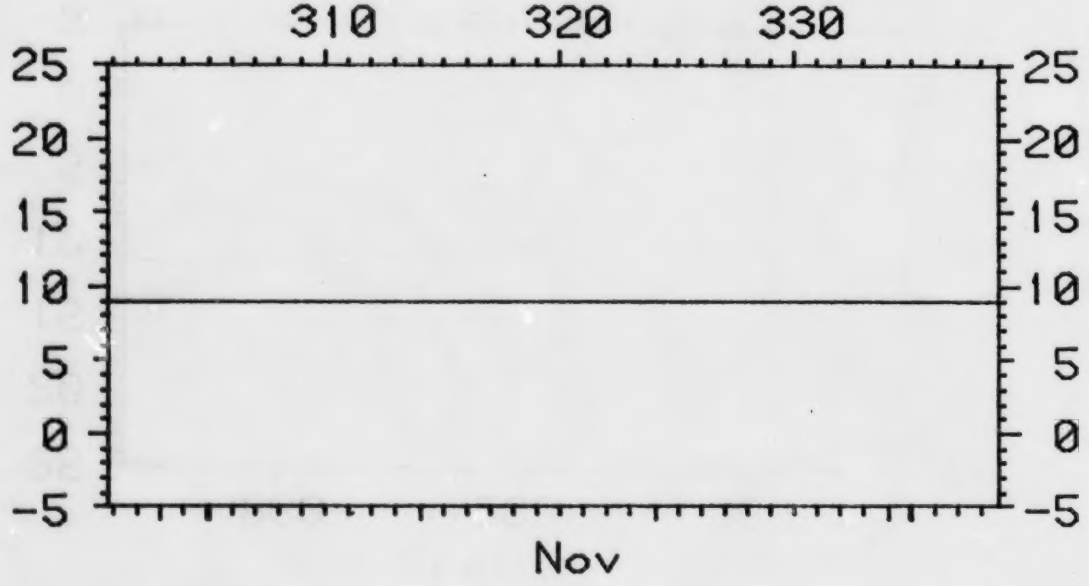
Instrument : 61047

Station ID 26

KENNEBECASIS BAY HEAD OF THE BLUFF NB

Pos. : 45.35, 66.07 Depth : 54.0 meters

Oct 27, 1981 19:00 GMT to Dec 4, 1981 19:00 GMT



Instrument : 61676

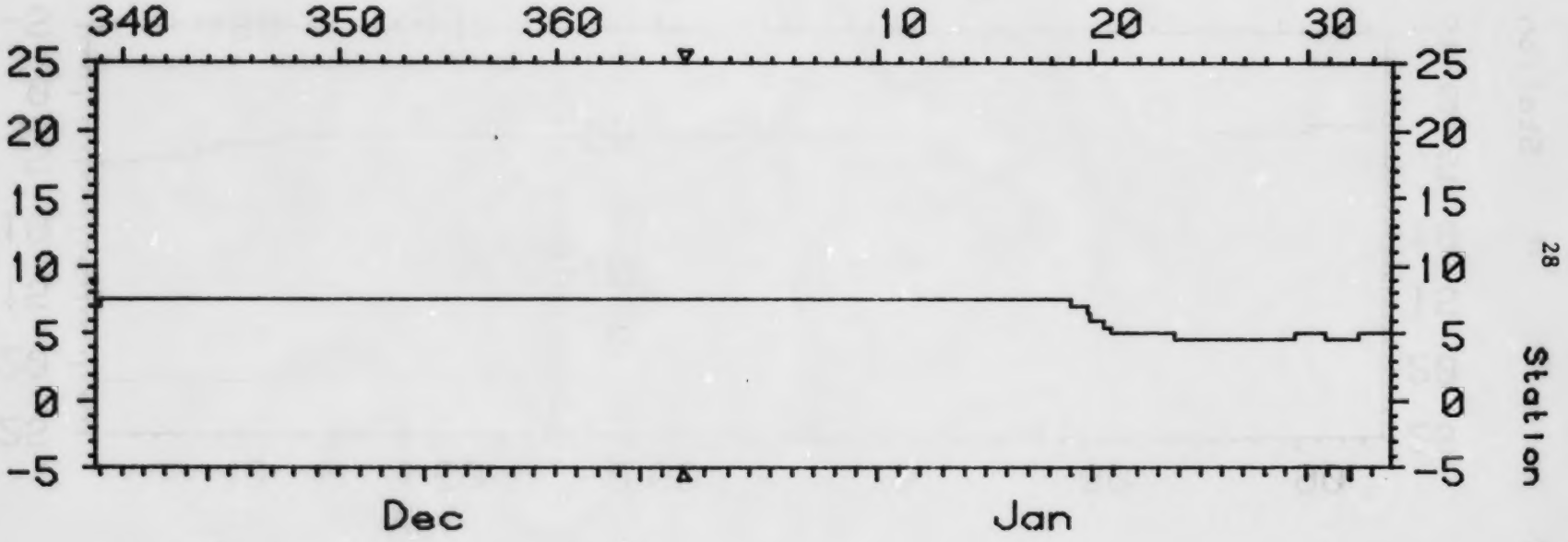
BAD TIME ERROR ON RECORDER - PAPER DRIVE HOLES TORN

Station 2A

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 1)

Pos. : 45.36, 66.08 Depth : 49.0 meters

Dec 4, 1981 20:37 GMT to Feb 2, 1982 20:37 GMT

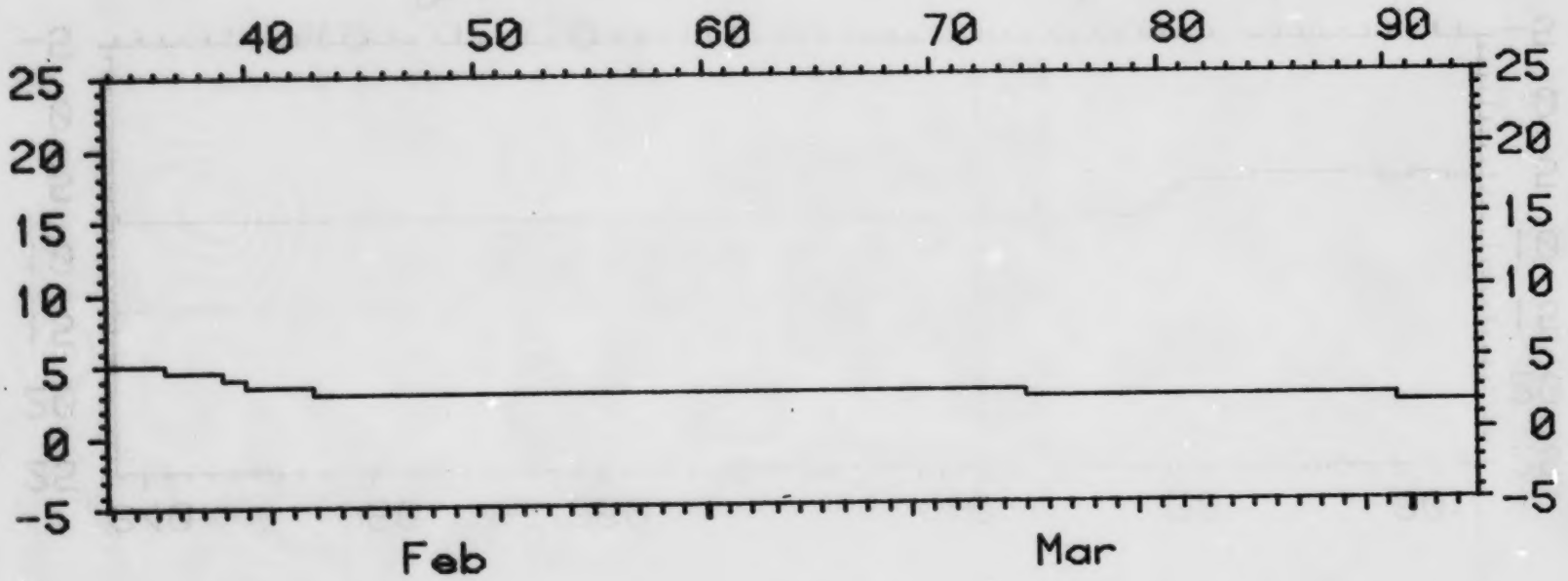


Instrument : 61634

.KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 2)

Pos. : 45.36, 66.08 Depth : 49.0 meters

Feb 2, 1982 20:37 GMT to Apr 3, 1982 20:37 GMT



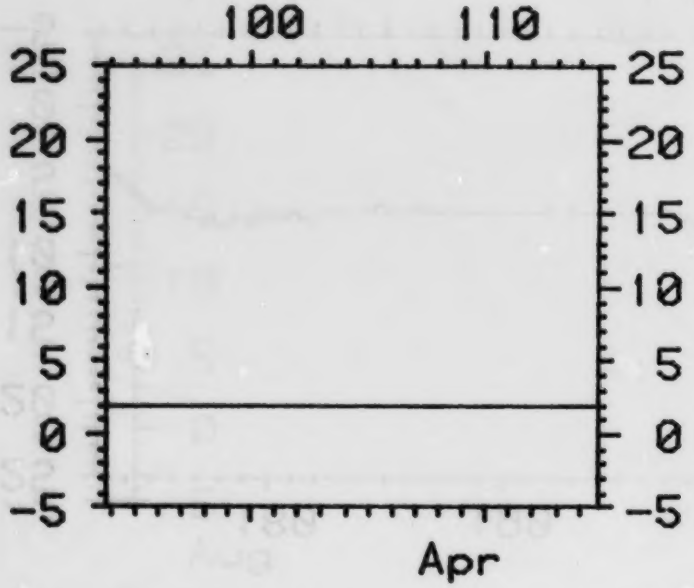
Instrument : 61634

Station 2B (continue

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 3)

Pos. : 45.36, 66.08 Depth : 49.0 meters

Apr 3, 1982 20:37 GMT to Apr 24, 1982 20:37 GMT



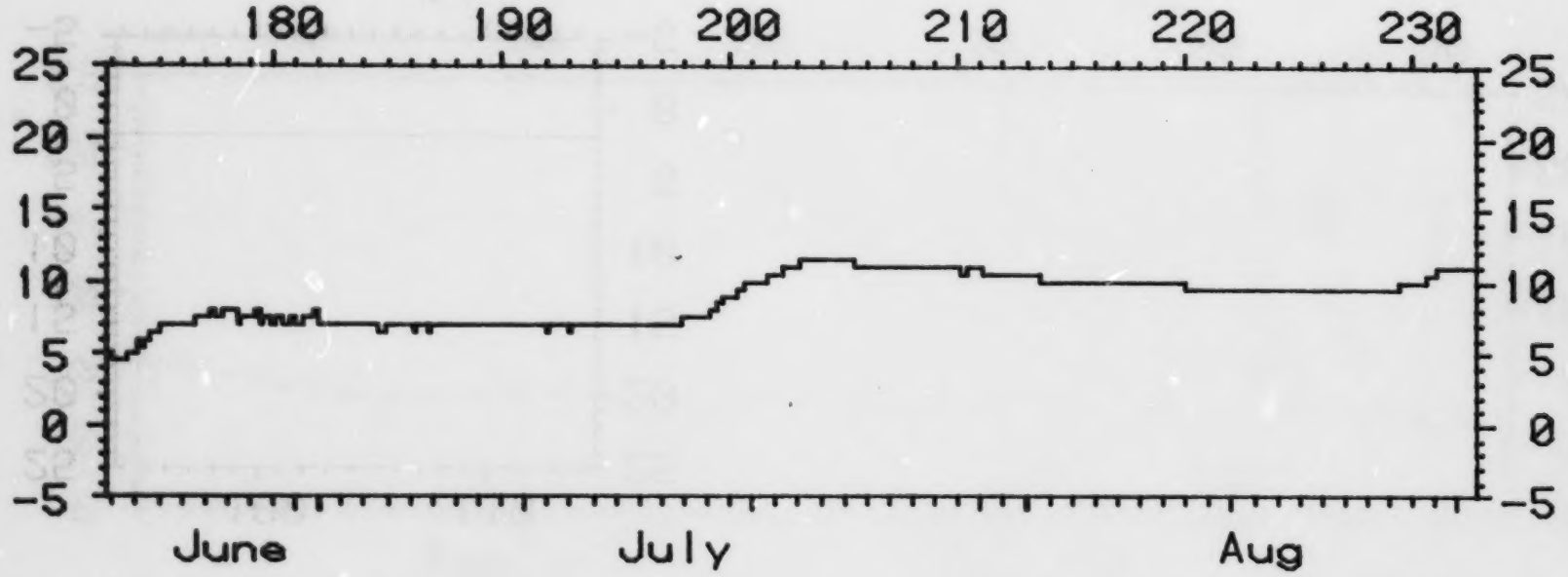
Instrument : 61634

Station 2B (continue

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 1)

Pos. : 45.36, 66.08 Depth : 44.0 meters

June 21, 1982 18:30 GMT to Aug 20, 1982 18:30 GMT



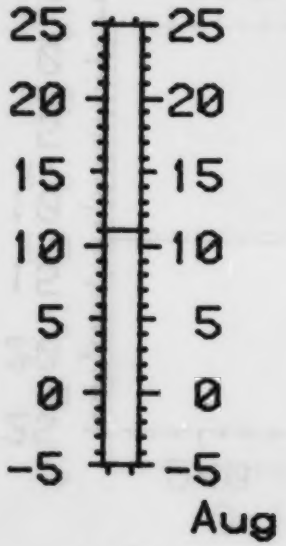
Instrument : 62627

Station 2C

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 2)

Pos. : 45.36, 66.08 Depth : 44.0 meters

Aug 20, 1982 18:30 GMT to Aug 22, 1982 06:30 GMT



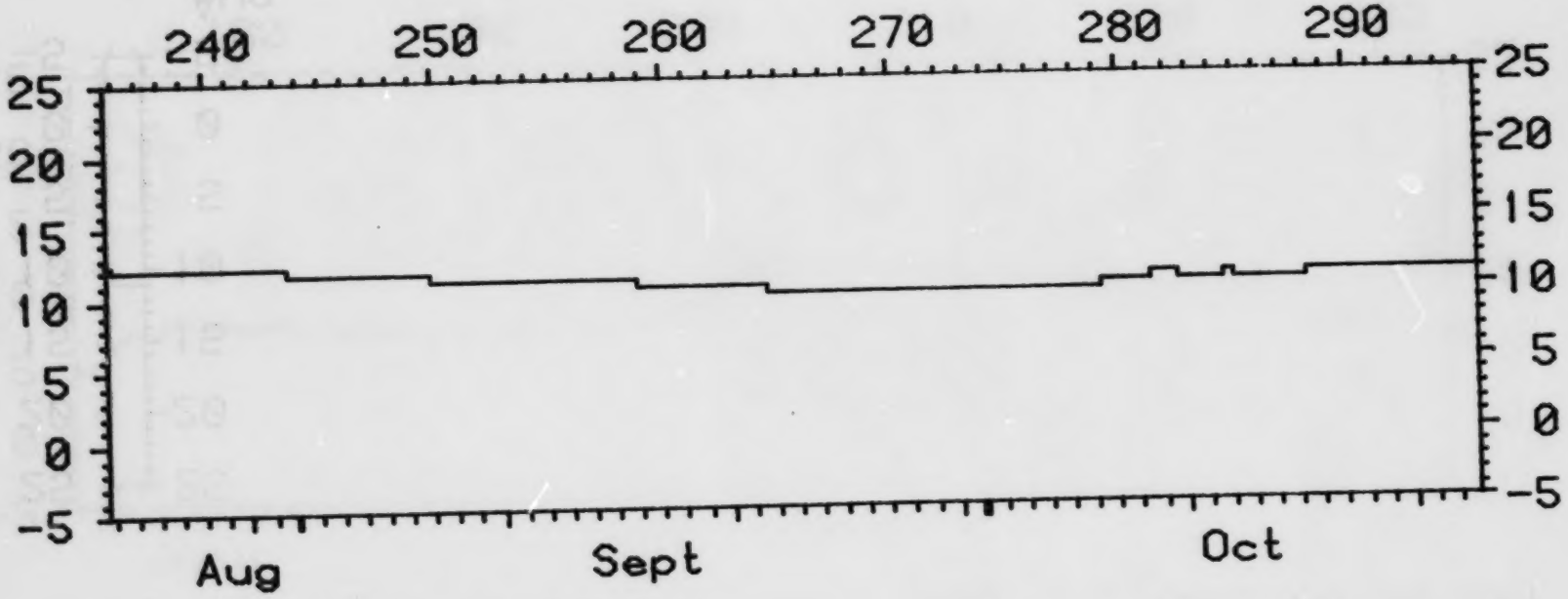
Instrument : 62627

Station 2C (continue

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 1)

Pos. : 45.36, 66.08 Depth : 44.0 meters

Aug 23, 1982 17:15 GMT to Oct 22, 1982 17:15 GMT



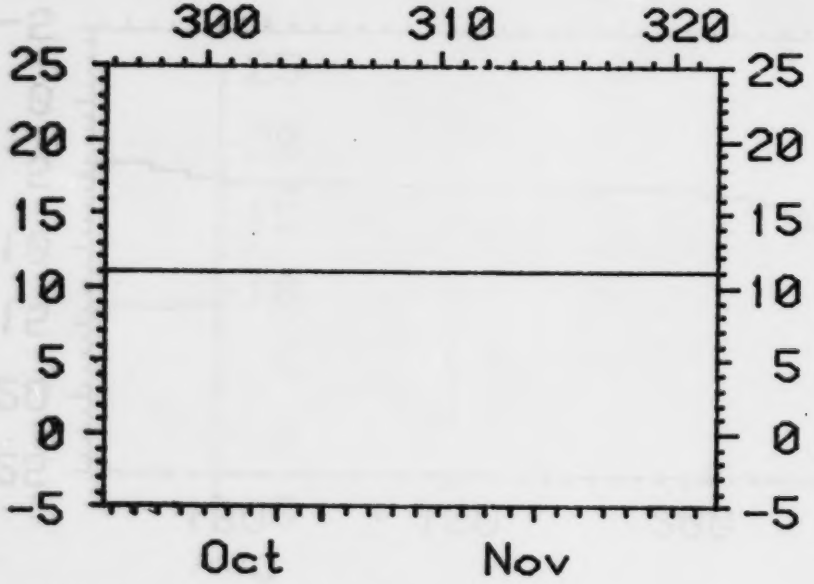
Instrument : 62627

33 Station 2D

KENNEBECASIS BAY HEAD OF THE BLUFF NB (Page 2)

Pos. : 45.36, 66.08 Depth : 44.0 meters

Oct 22, 1982 17:15 GMT to Nov 17, 1982 21:15 GMT



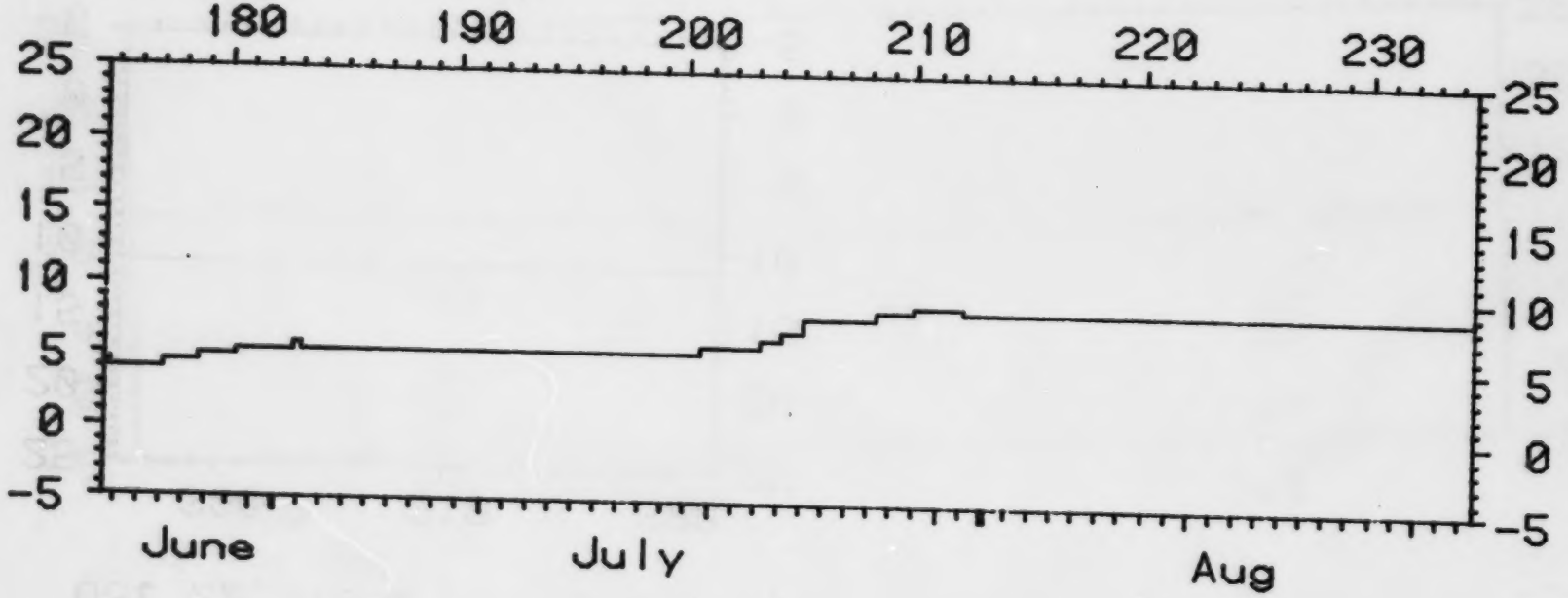
Instrument : 62627

Station 2D (continue

KENNEBECASIS BAY MINISTERS FACE NB (Page 1)

Pos. : 45.40, 66.02 Depth : 40.0 meters

June 23, 1982 14:30 GMT to Aug 22, 1982 14:30 GMT



Instrument : 61644

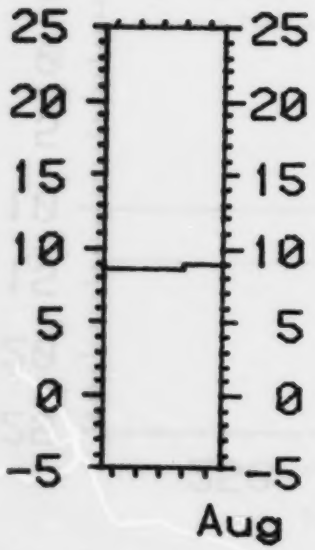
35

Station 2E

KENNEBECASIS BAY MINISTERS FACE NB (Page 2)

Pos. : 45.40, 66.02 Depth : 40.0 meters

Aug 22, 1982 14:30 GMT to Aug 27, 1982 14:30 GMT



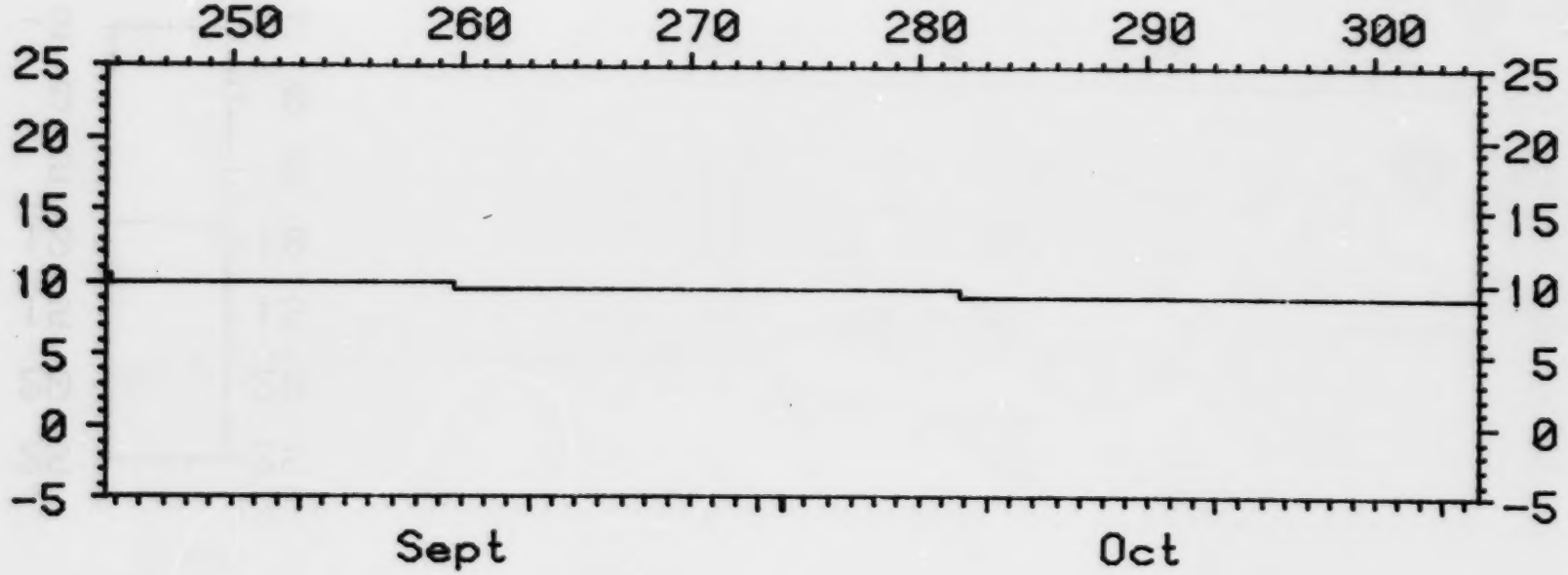
Instrument : 61644

Station 2E (continued

KENNEBECASIS BAY MINISTERS FACE NB (Page 1)

Pos. : 45.40, 66.02 Depth : 40.0 meters

Sept 1, 1982 13:18 GMT to Oct 31, 1982 13:17 GMT



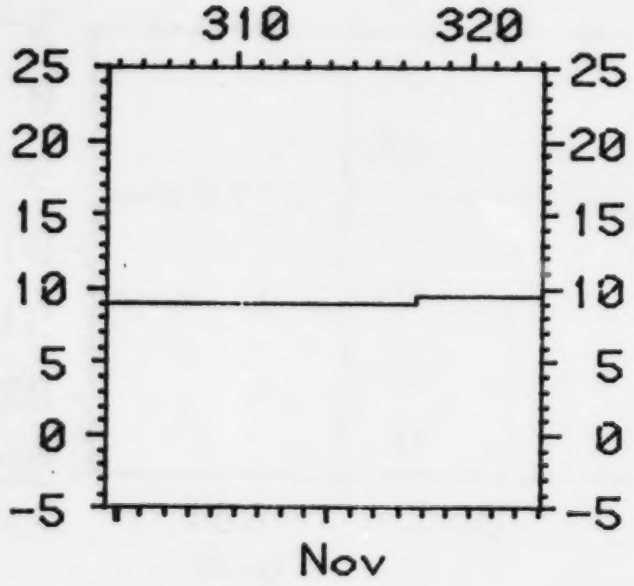
Instrument : 61644

Station 2F

KENNEBECASIS BAY MINISTERS FACE NB (Page 2)

Pos. : 45.40, 66.02 Depth : 40.0 meters

Oct 31, 1982 13:17 GMT to Nov 19, 1982 01:17 GMT



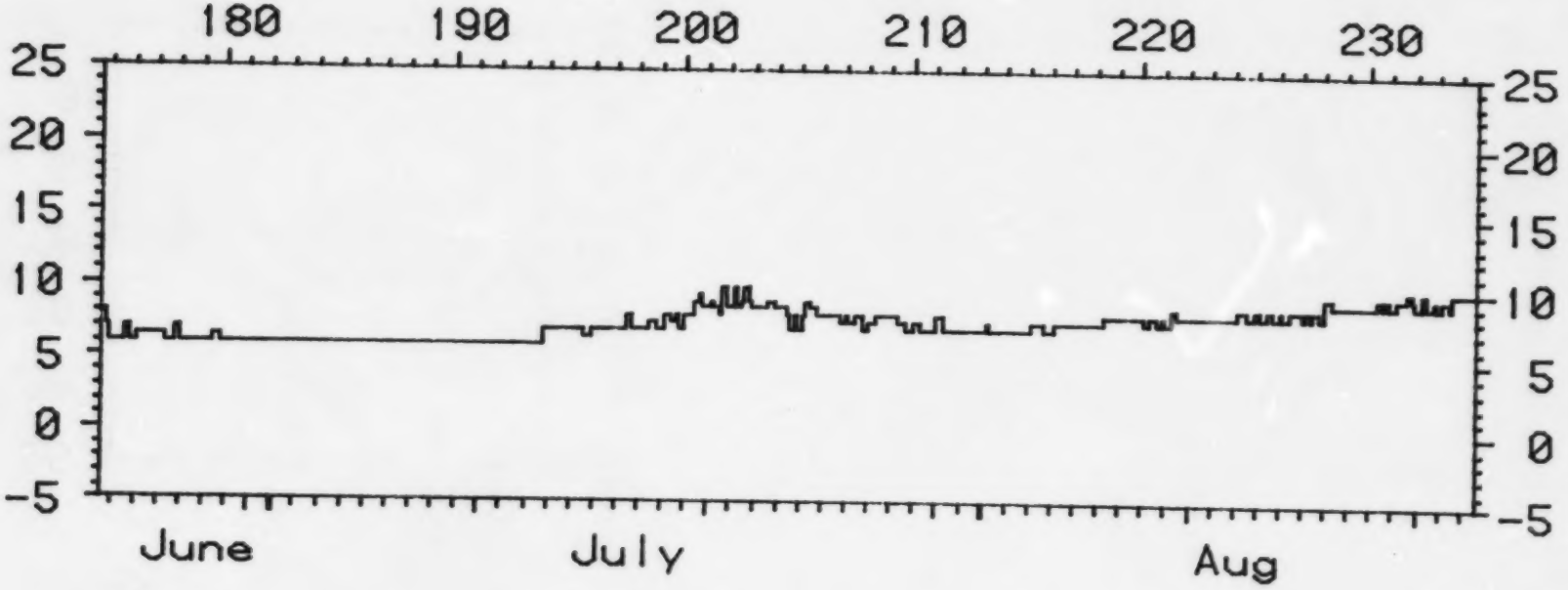
Instrument : 61644

Station 2F (continued)

KENNEBECASIS BAY MC COLGAN POINT NB (Page 1)

Pos. : 45.32, 66.11 Depth : 33.0 meters

June 23, 1982 15:00 GMT to Aug 22, 1982 15:00 GMT



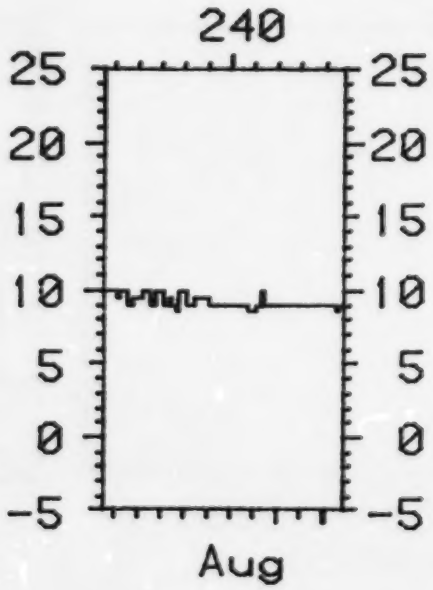
Instrument : 61655

Station 2G

KENNEBECASIS BAY MC COLGAN POINT NB (Page 2)

Pos. : 45.32, 66.11 Depth : 33.0 meters

Aug 22, 1982 15:00 GMT to Sept 1, 1982 19:00 GMT



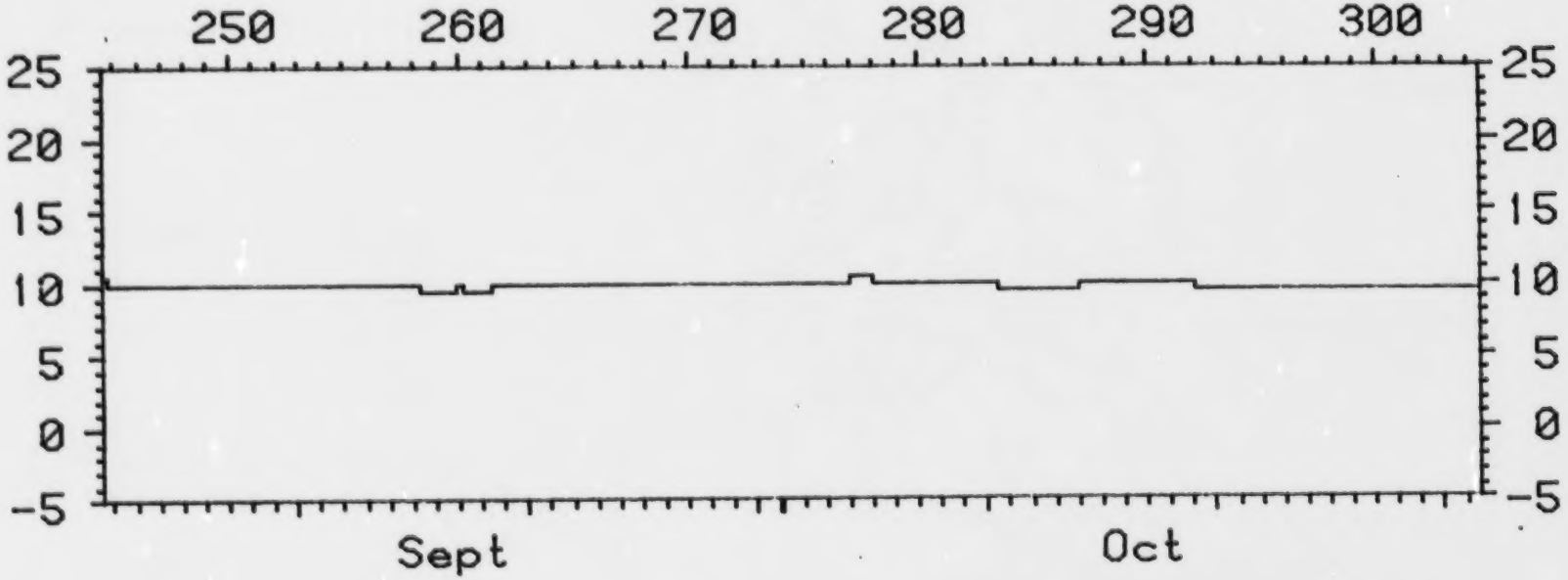
Instrument : 61655

Station 26 (continued

KENNEBECASIS BAY MC COLGAN POINT NB (Page 1)

Pos. : 45.32, 66.11 Depth : 33.0 meters

Sept 1, 1982 13:00 GMT to Oct 31, 1982 13:00 GMT



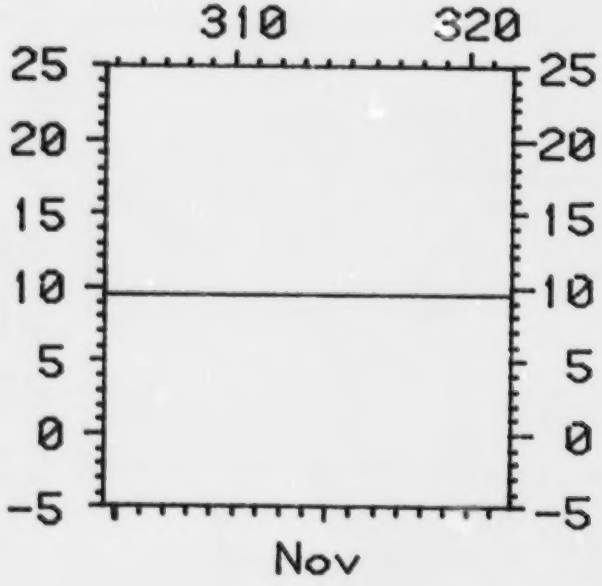
Instrument : 61655

Station 2H

KENNEBECASIS BAY MC COLGAN POINT NB (Page 2)

Pos. : 45.32, 66.11 Depth : 33.0 meters

Oct 31, 1982 13:00 GMT to Nov 17, 1982 21:00 GMT



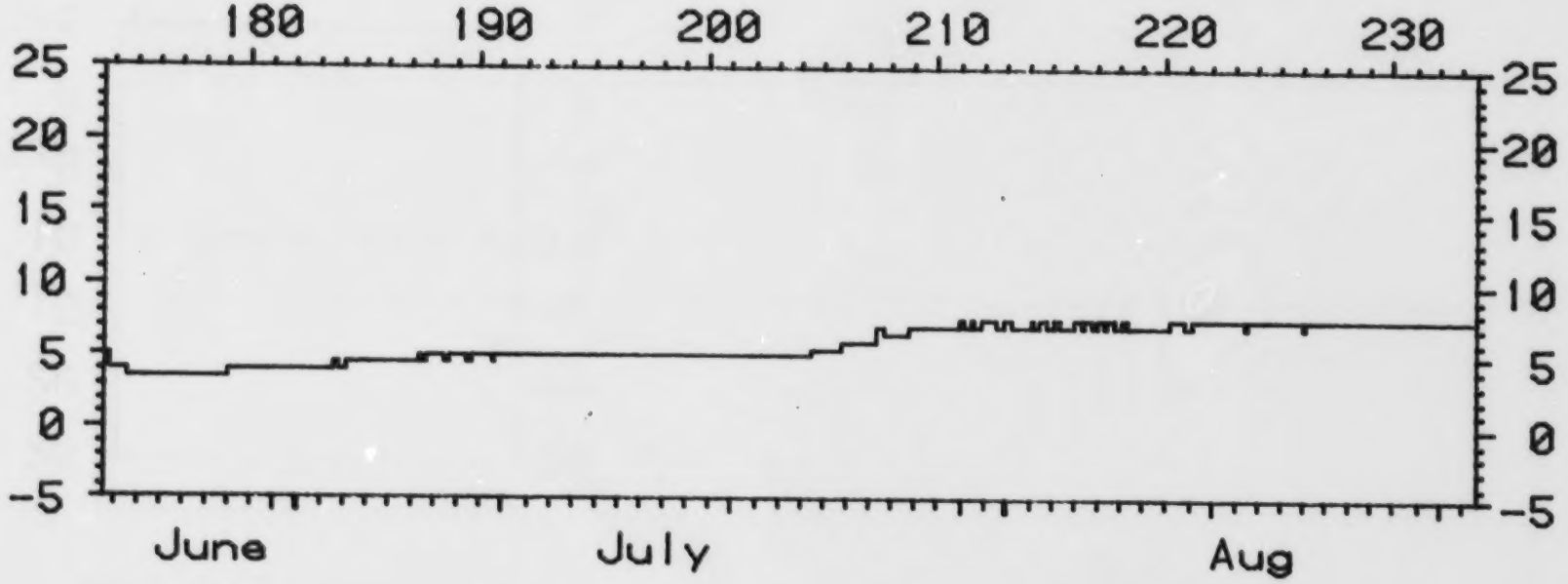
Instrument : 61655

Station 2H (continued)

KENNEBECASIS BAY CLIFTON ROYAL NB (Page 1)

Pos. : 45.45, 66.00 Depth : 34.0 meters

June 22, 1982 15:00 GMT to Aug 21, 1982 15:00 GMT



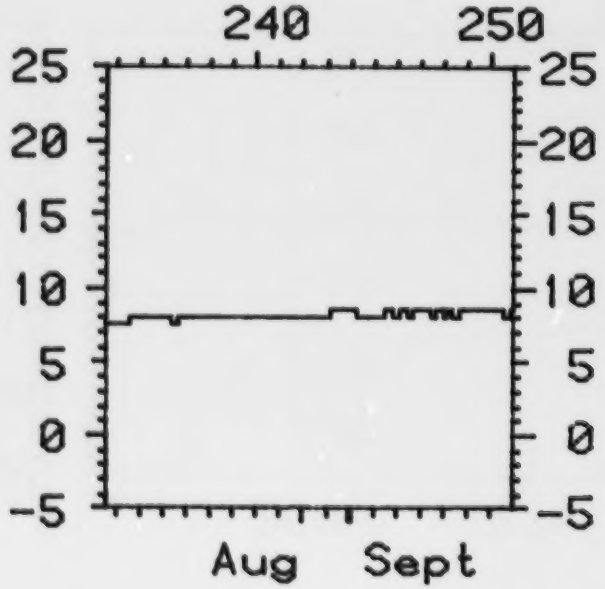
Instrument : 62628

Station 2I

KENNEBECASIS BAY CLIFTON ROYAL NB (Page 2)

Pos. : 45.45, 66.00 Depth : 34.0 meters

Aug 21, 1982 15:00 GMT to Sept 7, 1982 23:00 GMT

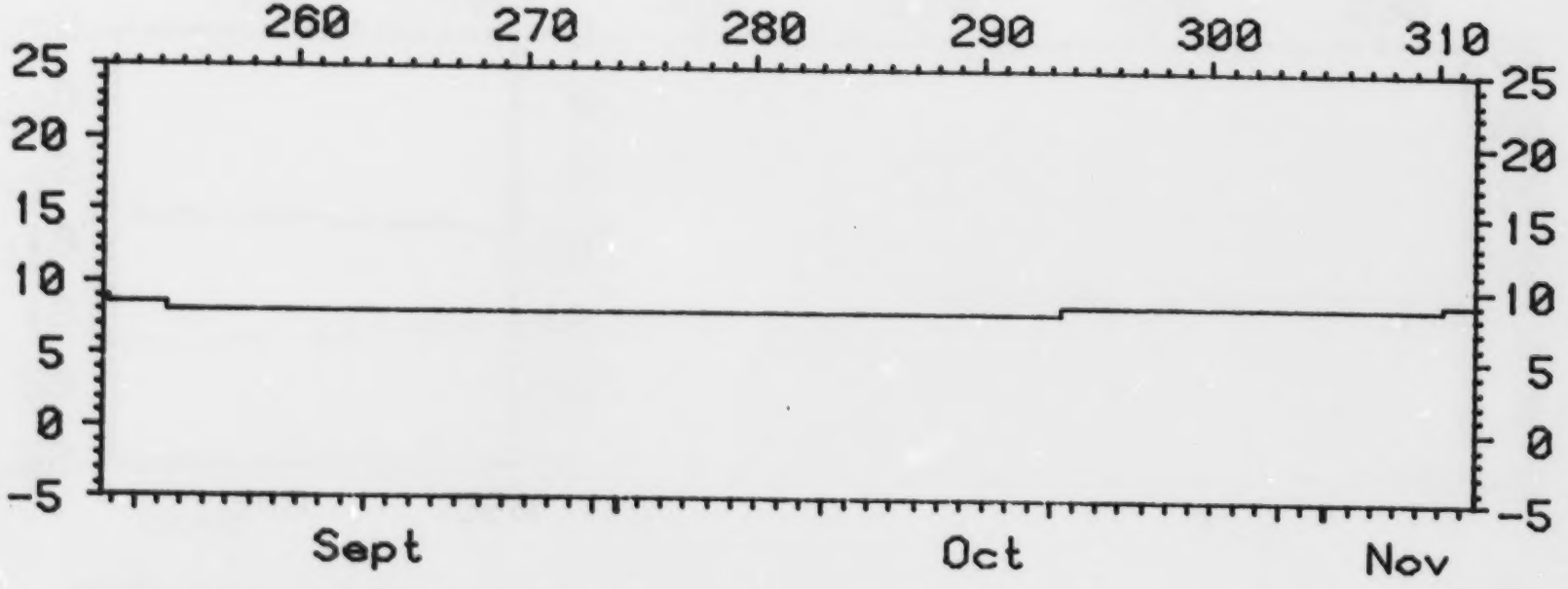


Instrument : 62628

KENNEBECASIS BAY CLIFTON ROYAL NB (Page 1)

Pos. : 45.45, 66.00 Depth : 34.0 meters

Sept 8, 1982 14:25 GMT to Nov 7, 1982 14:24 GMT



Instrument : 62628

Station 2J

KENNEBECASIS BAY CLIFTON ROYAL NB (Page 2)

Pos. : 45.45, 66.00 Depth : 34.0 meters

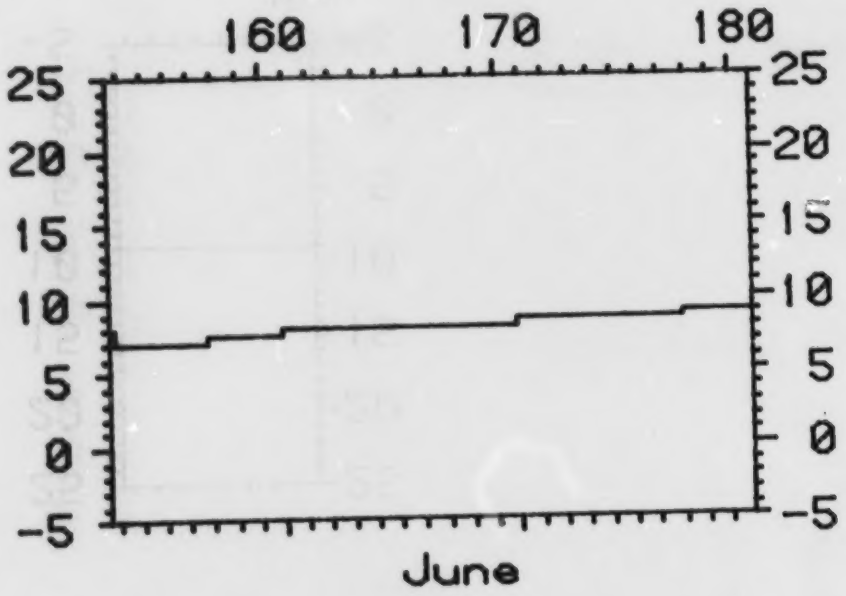
Nov 7, 1982 14:24 GMT to Nov 15, 1982 22:24 GMT

Instrument : 62628

ALMA NB *

Pos. : 45.60, 64.95 Depth : 30.0 meters

June 2, 1982 14:00 GMT to June 29, 1982 22:00 GMT



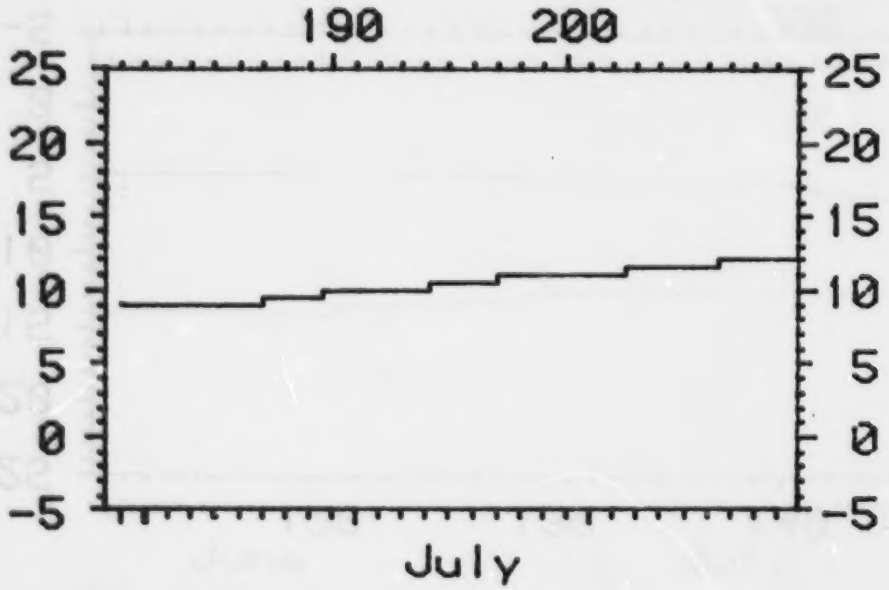
Instrument : 60465

Station 3A

ALMA NB *

Pos. : 45.60, 64.95 Depth : 30.0 meters

June 29, 1982 08:49 GMT to July 28, 1982 20:49 GMT



Instrument : 60453

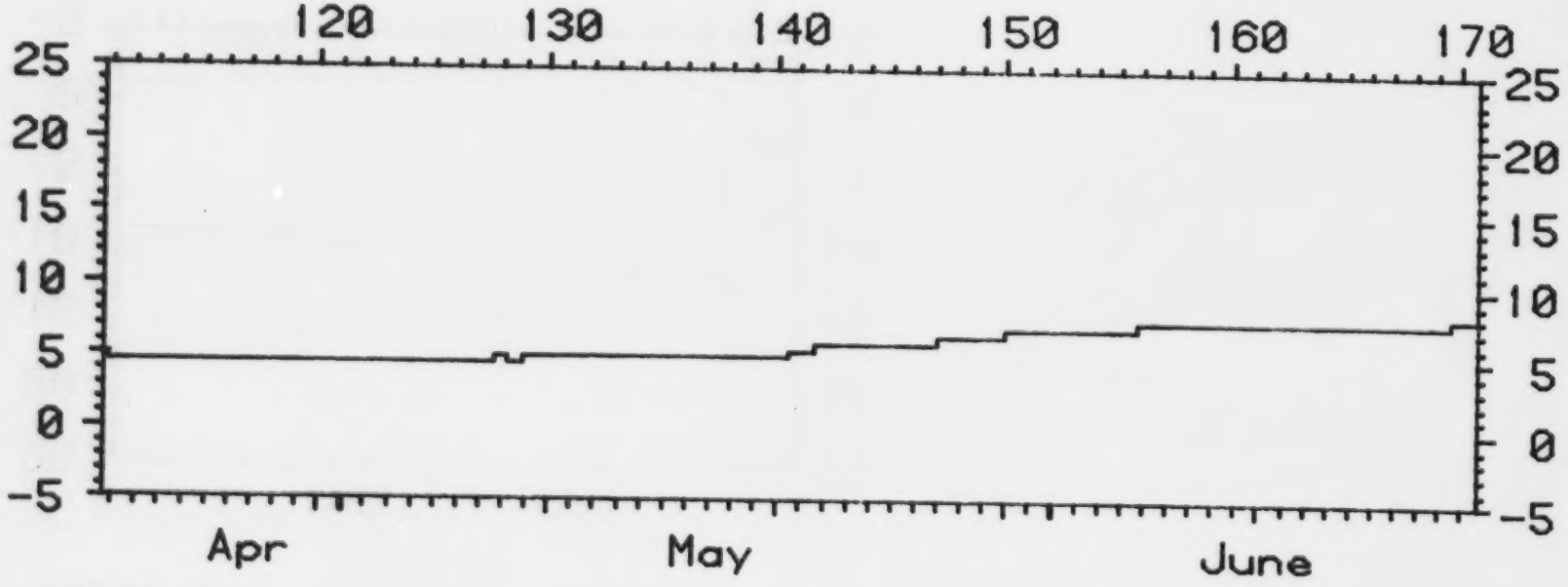
Station 3C

DELAPS COVE NS

(Page 1)

Pos. : 44.78, 65.63 Depth : 28.0 meters

Apr 20, 1982 16:00 GMT to June 19, 1982 16:00 GMT



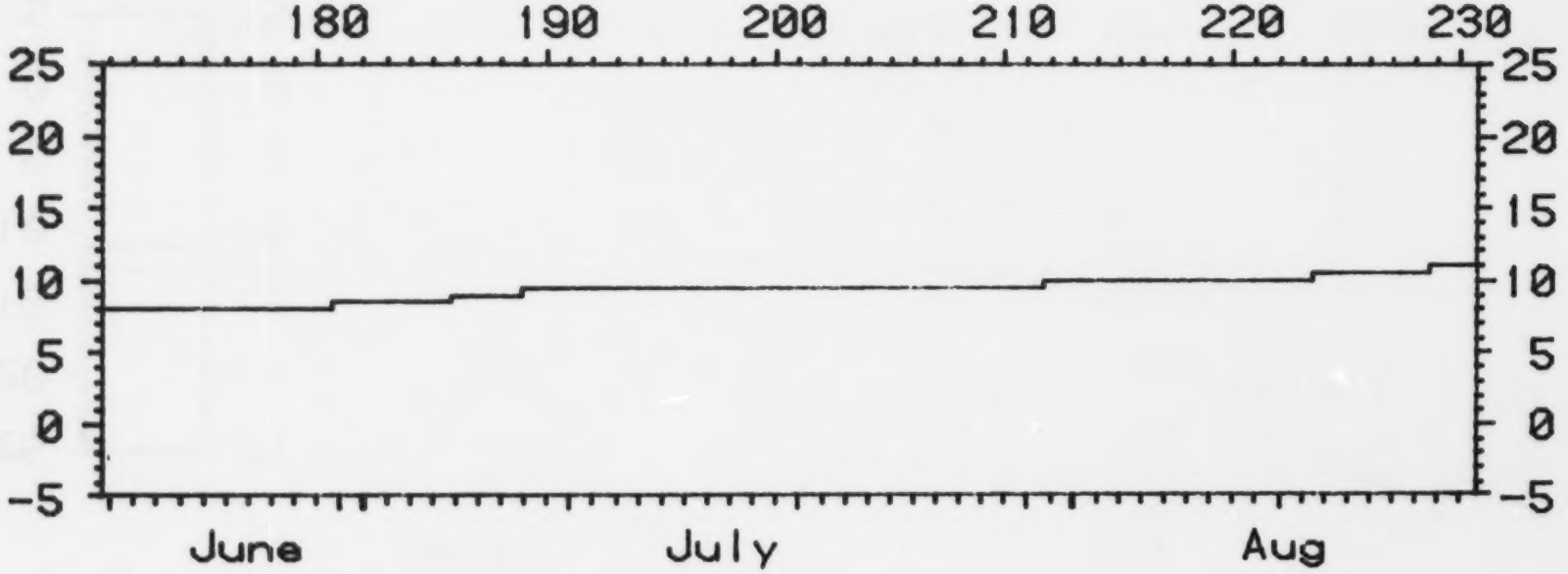
Instrument : 61694

Station 4A

DELAPS COVE NS (Page 2)

Pos. : 44.78, 65.63 Depth : 28.0 meters

June 19, 1982 16:00 GMT to Aug 18, 1982 16:00 GMT



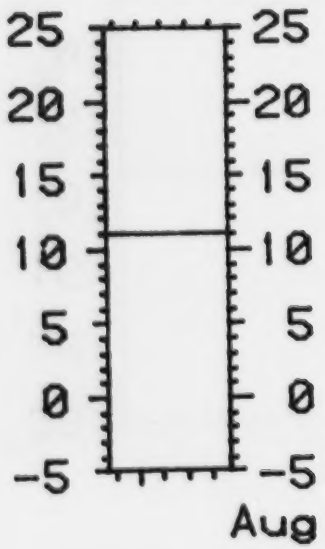
Instrument : 61694

Station 4A (continued)

DELAPS COVE NS (Page 3)

Pos. : 44.78, 65.63 Depth : 28.0 meters

Aug 18, 1982 16:00 GMT to Aug 23, 1982 20:00 GMT

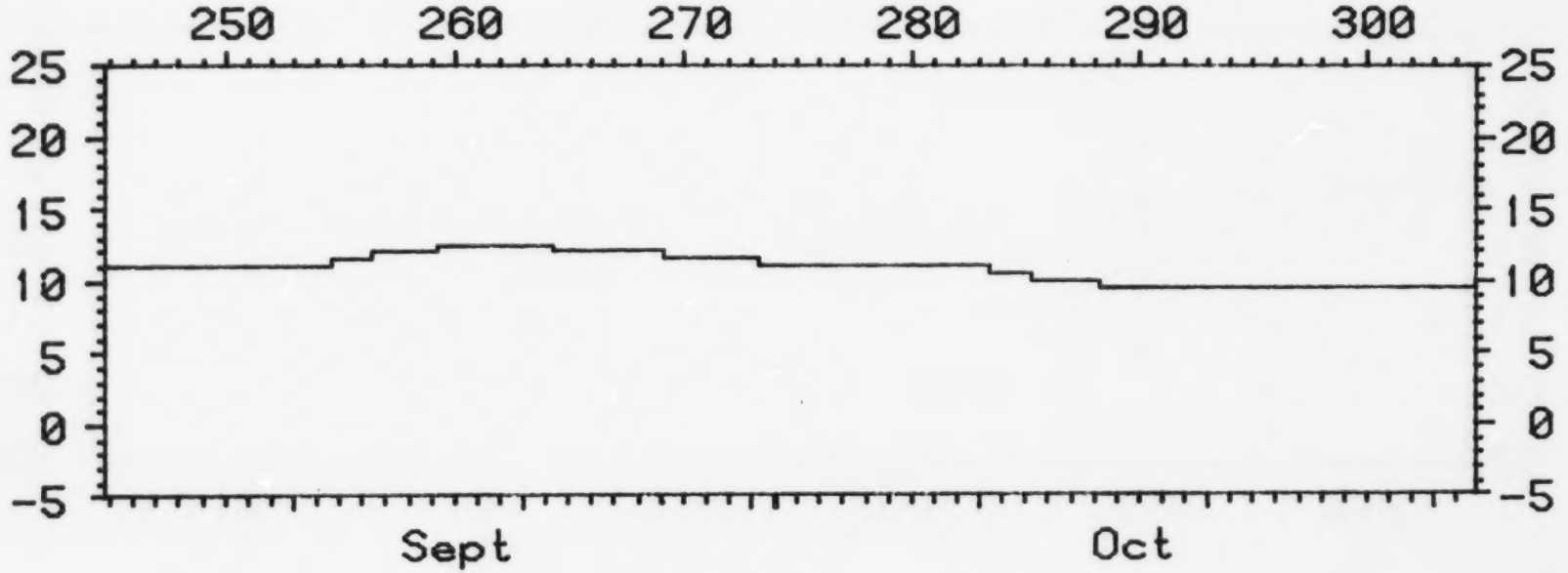


Instrument : 61694

DELAPS COVE NS (Page 1)

Pos. : 44.76, 65.68 Depth : 28.0 meters

Sept 1, 1981 19:00 GMT to Oct 31, 1981 19:00 GMT



Instrument : 61650

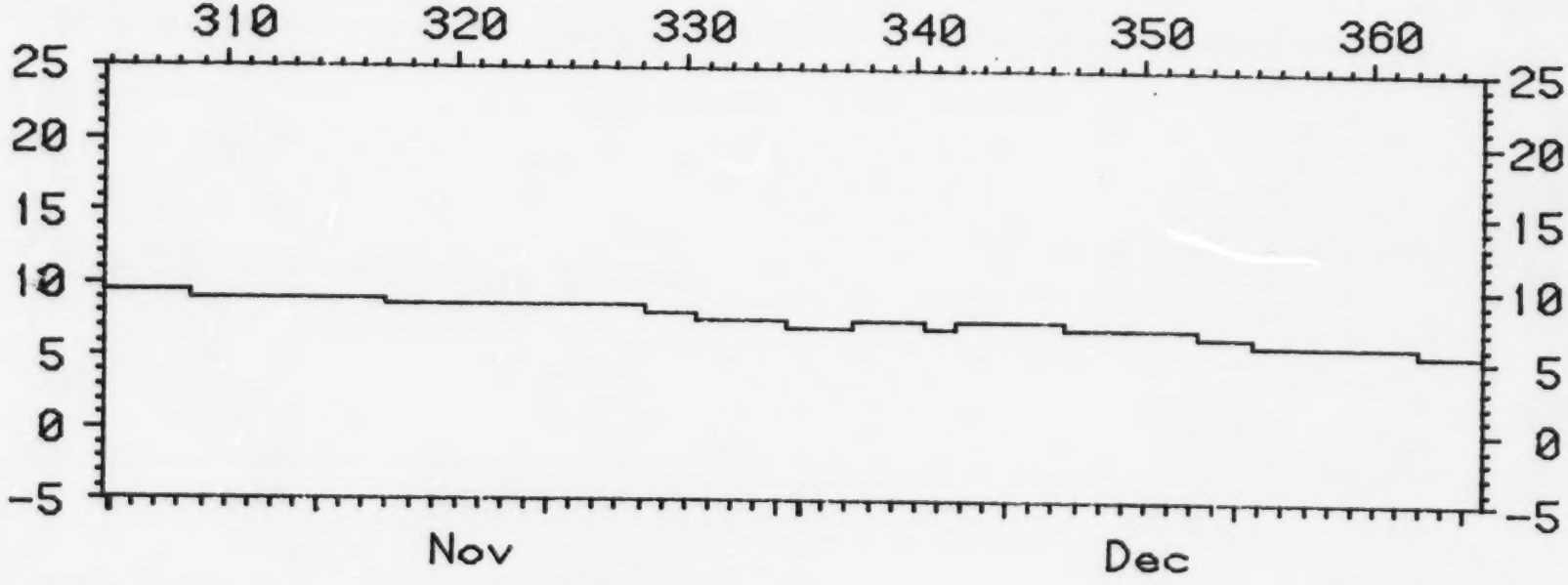
RECOVERED JULY 27, 1982

Station 4B

DELAPS COVE NS (Page 2)

Pos. : 44.76, 65.68 Depth : 28.0 meters

Oct 31, 1981 19:00 GMT to Dec 30, 1981 19:00 GMT



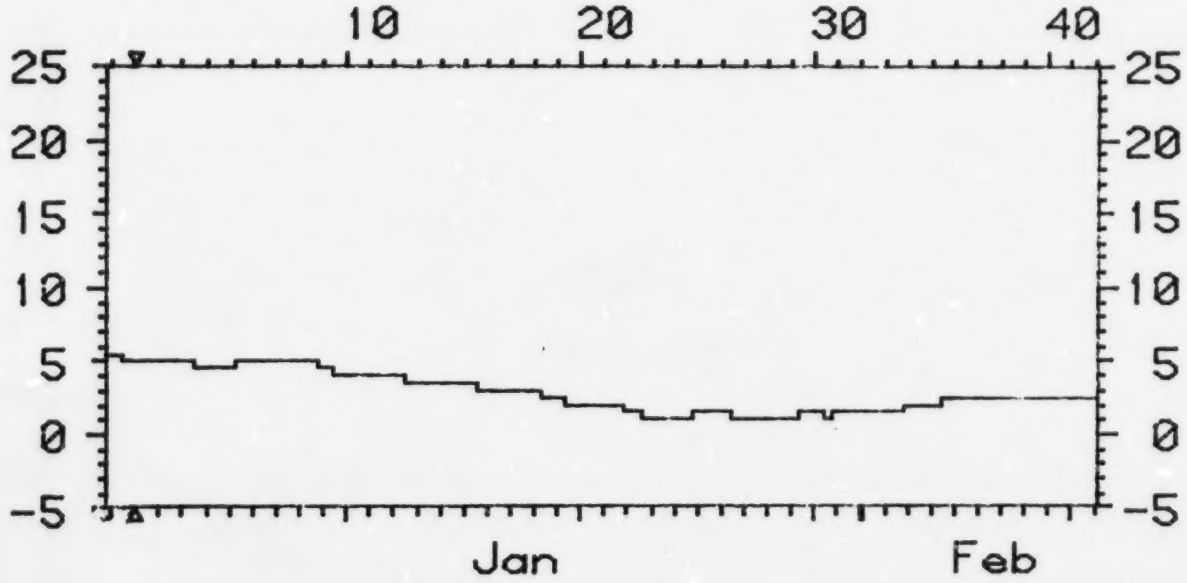
Instrument : 61650

RECOVERED JULY 27, 1982

DELAPS COVE NS (Page 3)

Pos. : 44.76, 65.68 Depth : 28.0 meters

Dec 30, 1981 19:00 GMT to Feb 11, 1982 03:00 GMT



Instrument : 61650

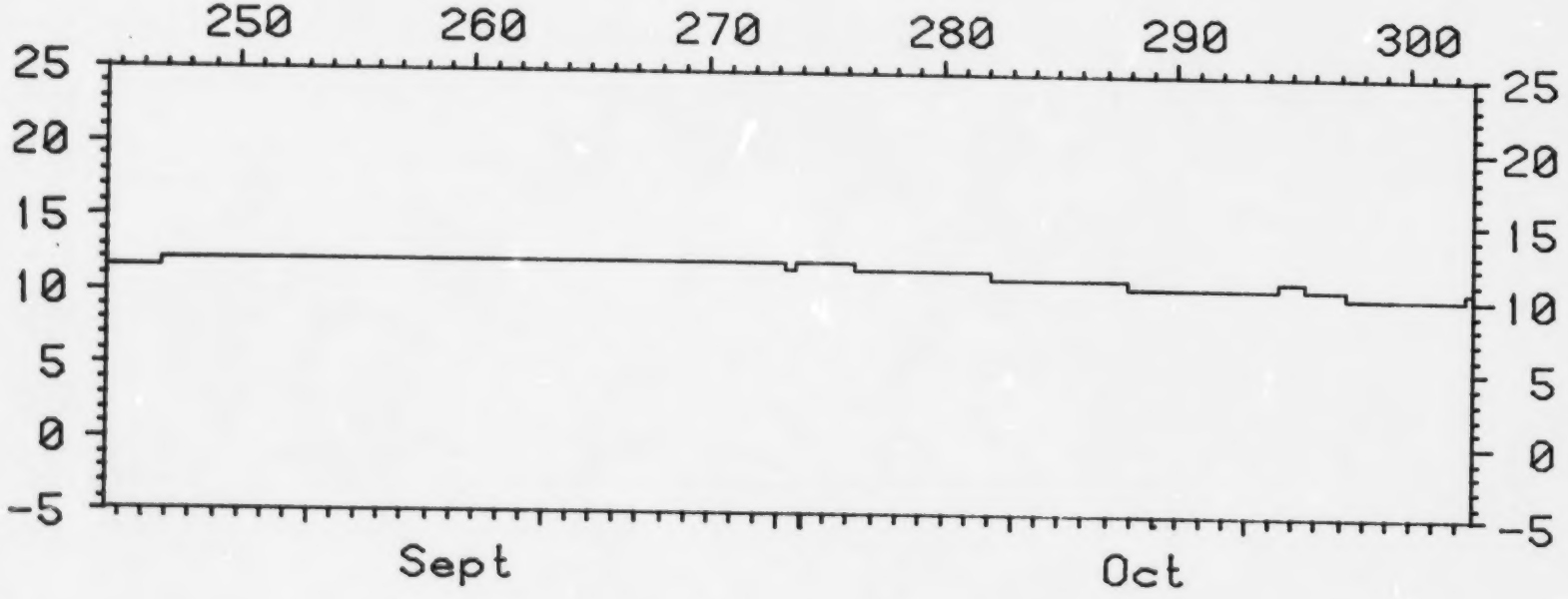
RECOVERED JULY 27, 1982

Station 4B (continued)

DELAPS COVE NS

Pos. : 44.78, 65.63 Depth : 17.0 meters

Sept 1, 1982 11:00 GMT to Oct 29, 1982 19:00 GMT



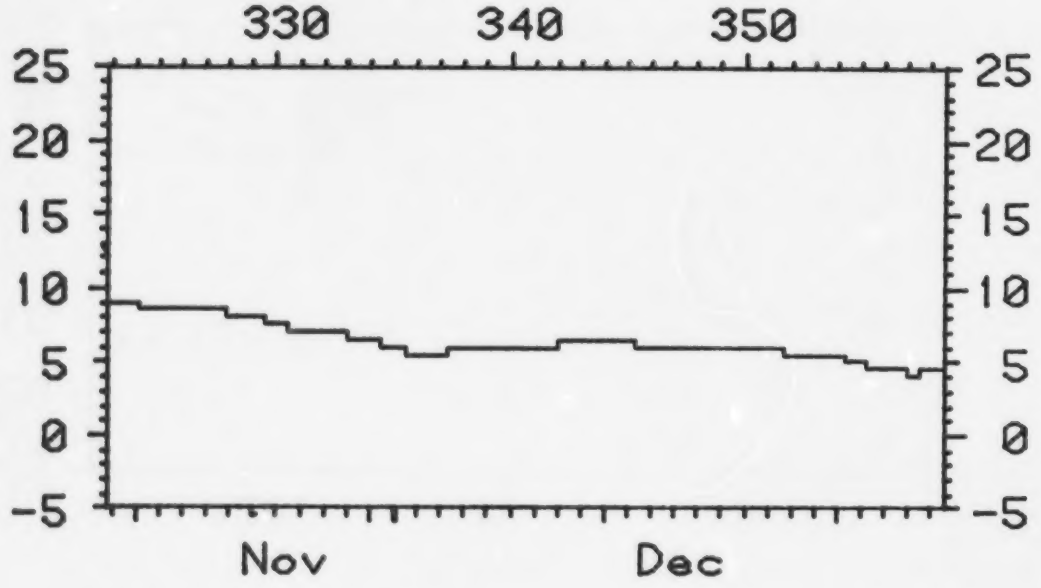
Instrument : 62495

Station 4C

PORT MAITLAND NS

Pos. : 43.99, 66.18 Depth : 18.0 meters

Nov 18, 1981 20:00 GMT to Dec 24, 1981 16:00 GMT



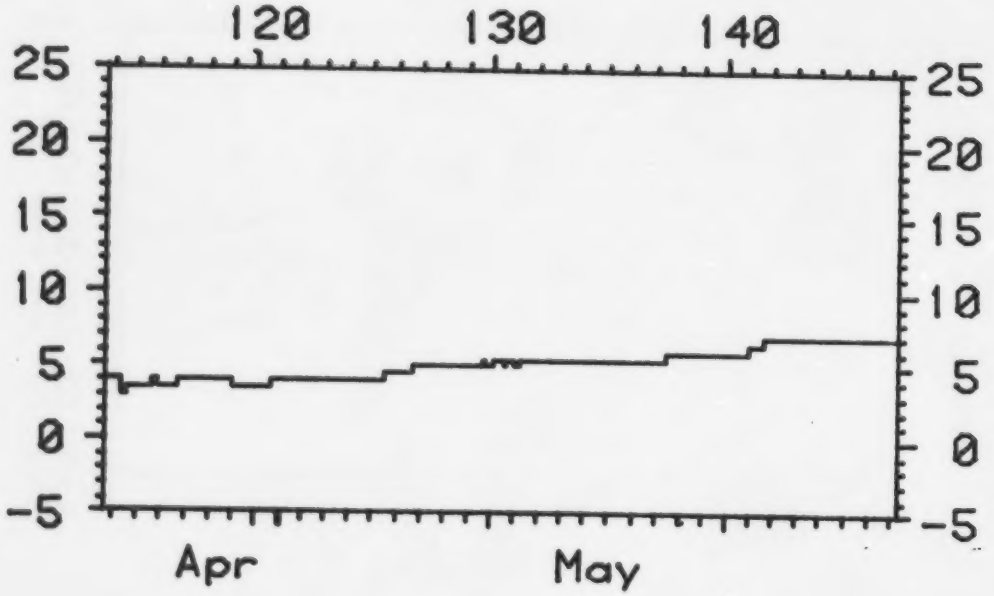
Instrument : 61443

Station 5A

PORT MAITLAND NS *

Pos. : 43.96, 66.18

Apr 23, 1982 16:00 GMT to May 27, 1982 08:00 GMT



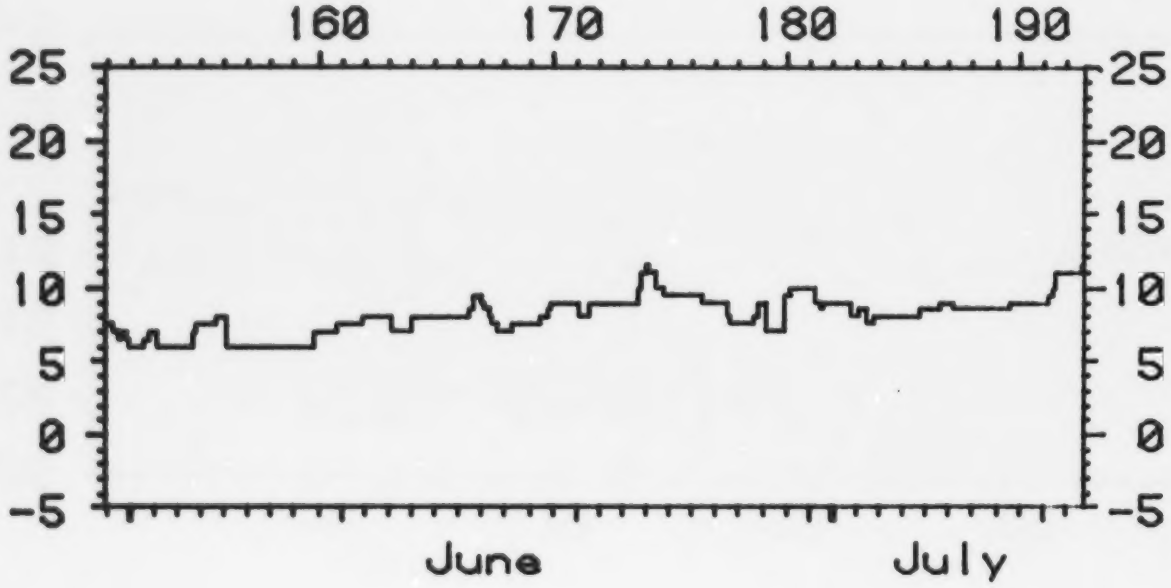
NO SERIAL NUMBER RECORDED.

Station 58

GANNET ROCK NS

Pos. : 43.65, 66.14 Depth : 13.0 meters

May 30, 1982 23:00 GMT to July 11, 1982 19:00 GMT



Instrument : 62456

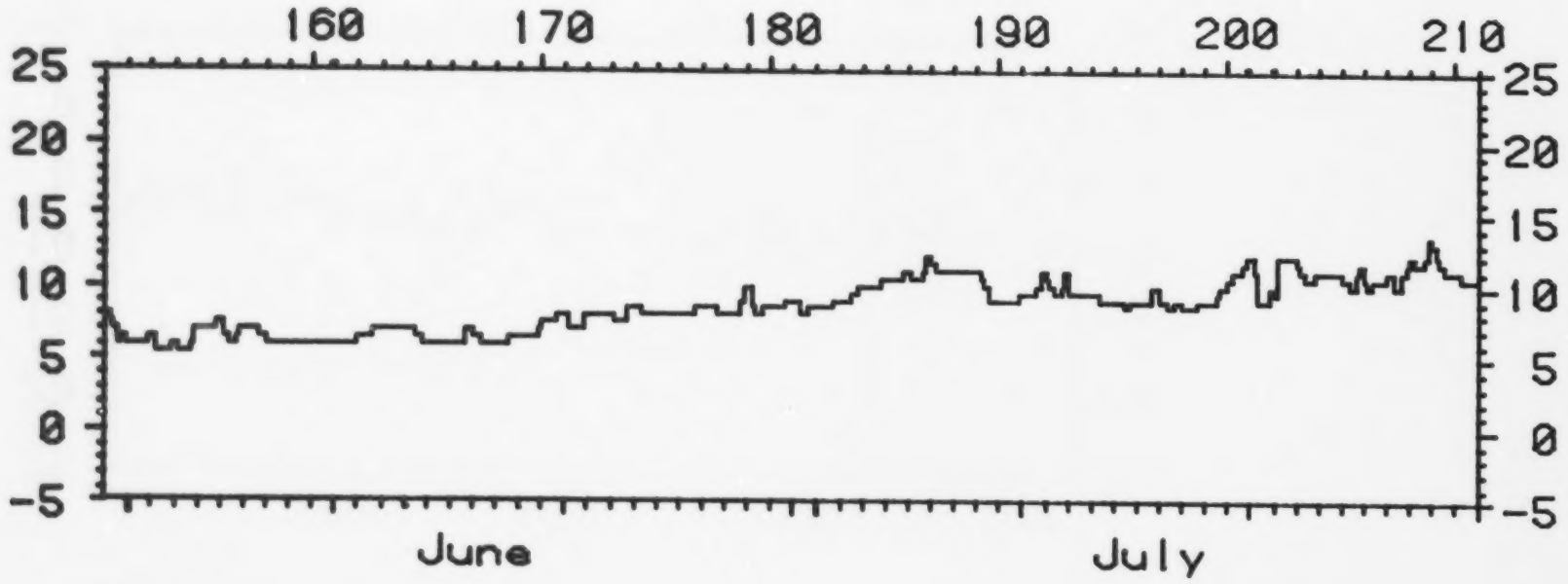
RETURNED FROM BEACH IN MAINE.

Station 8D

GANNET ROCK NS (Page 1)

Pos. : 43.65, 66.14 Depth : 22.0 meters

May 31, 1982 00:00 GMT to July 30, 1982 00:00 GMT



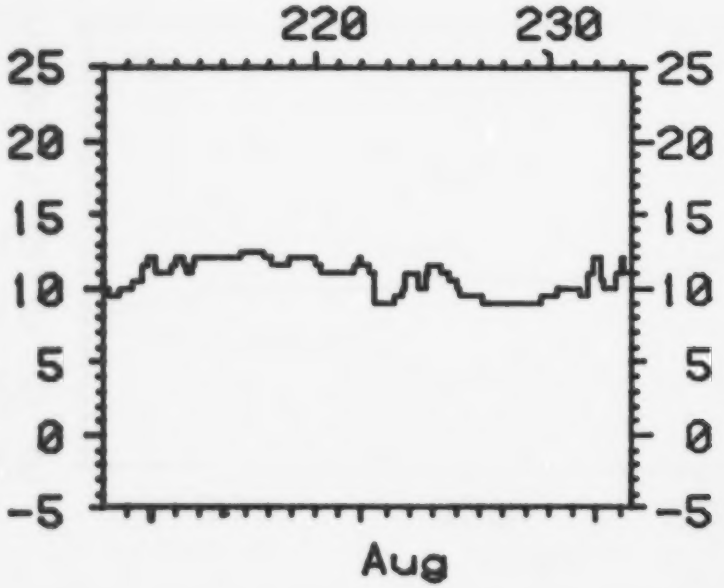
Instrument : 62459

Station 8E

GANNET ROCK NS (Page 2)

Pos. : 43.65, 66.14 Depth : 22.0 meters

July 30, 1982 00:00 GMT to Aug 21, 1982 12:00 GMT

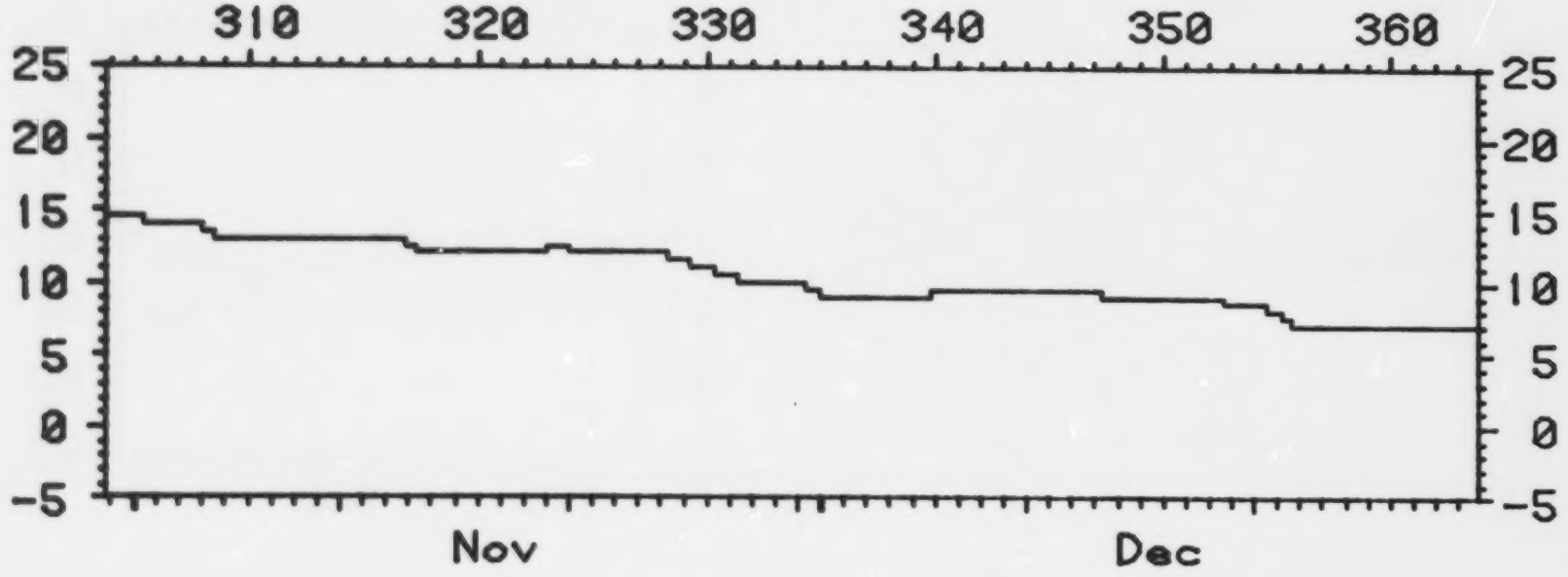


Instrument : 62459

ARGYLE SOUND - RANKIN ISLAND NS (Page 1)

Pos. : 43.74, 65.85 Depth : 6.0 meters

Oct 30, 1981 19:30 GMT to Dec 29, 1981 19:30 GMT



Instrument : 61651

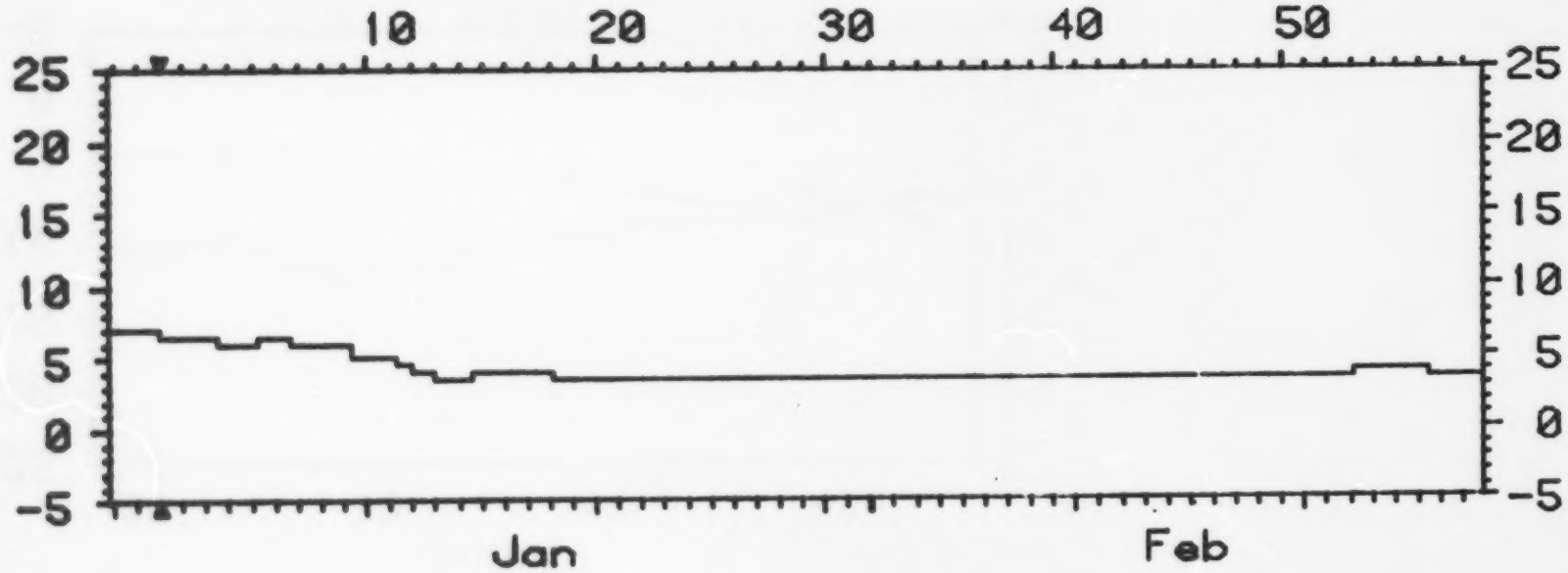
INSTRUMENT READING ABOUT 3 C TOO HIGH OCT. 30 TO APRIL 7

Station 9A

ARGYLE SOUND - RANKIN ISLAND NS (Page 2)

Pos. : 43.74, 65.85 Depth : 6.0 meters

Dec 29, 1981 19:30 GMT to Feb 27, 1982 19:30 GMT



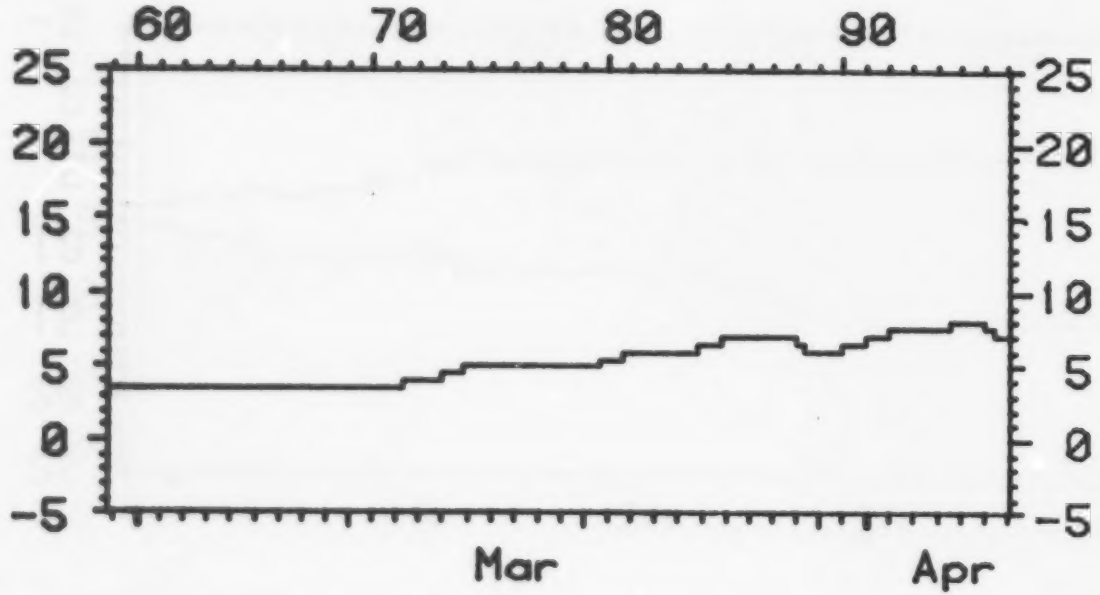
Instrument : 61651

Station 9A (continued)

ARGYLE SOUND - RANKIN ISLAND NS (Page 3)

Pos. : 43.74, 65.85 Depth : 6.0 meters

Feb 27, 1982 19:30 GMT to Apr 7, 1982 03:30 GMT

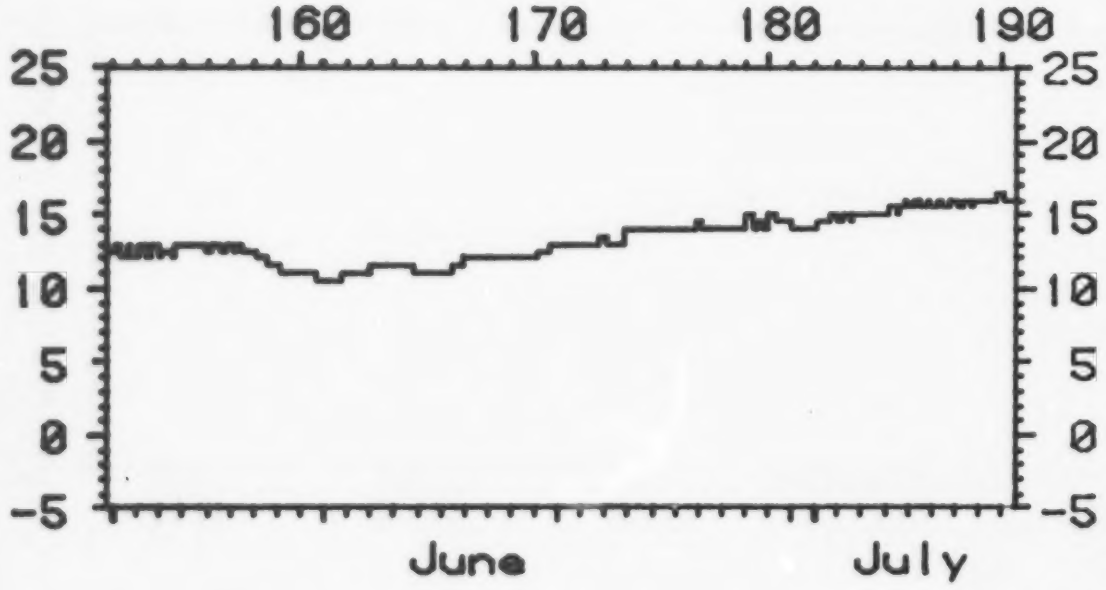


Instrument : 61651

ARGYLE SOUND - RANKIN ISLAND NS

Pos. : 43.74, 65.85 Depth : 6.0 meters

May 31, 1982 19:00 GMT to July 9, 1982 15:00 GMT



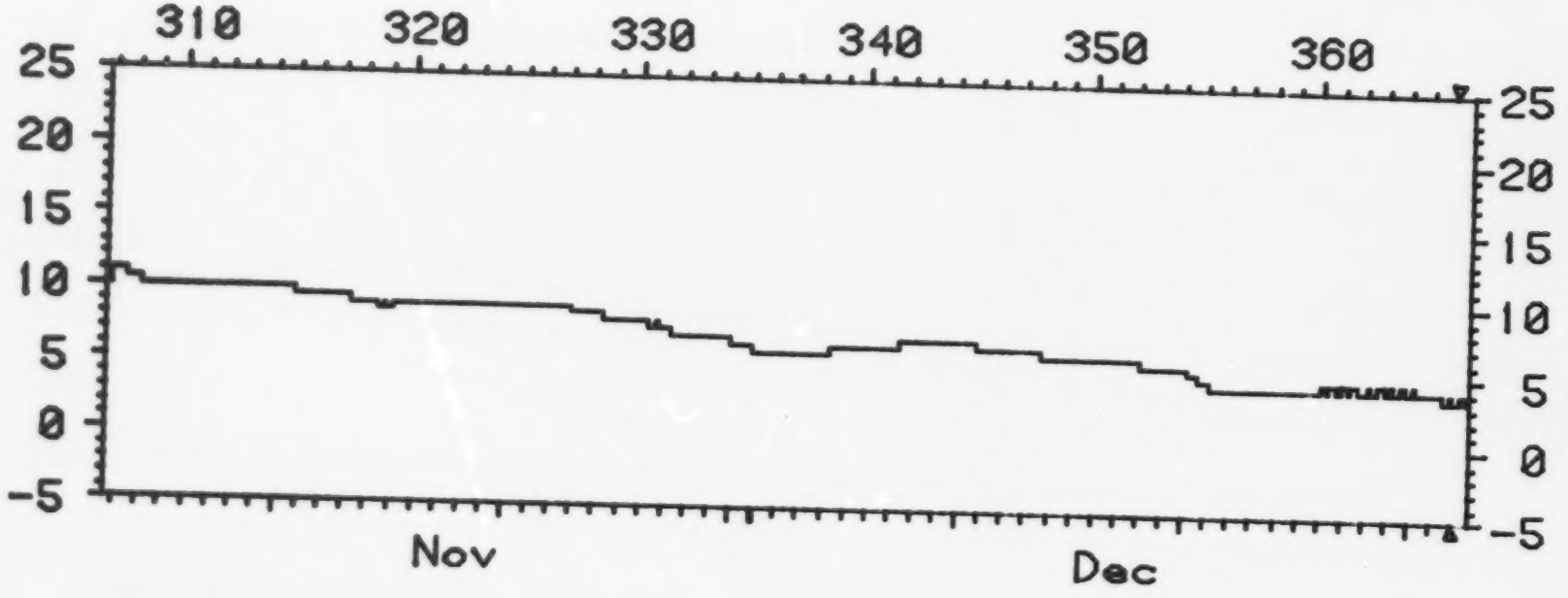
Instrument : 61690

Station 98

ARGYLE SOUND - BOARD ISLAND NS (Page 1)

Pos. : 43.73, 65.95 Depth : 8.0 meters

Nov 2, 1981 16:00 GMT to Jan 1, 1982 16:00 GMT



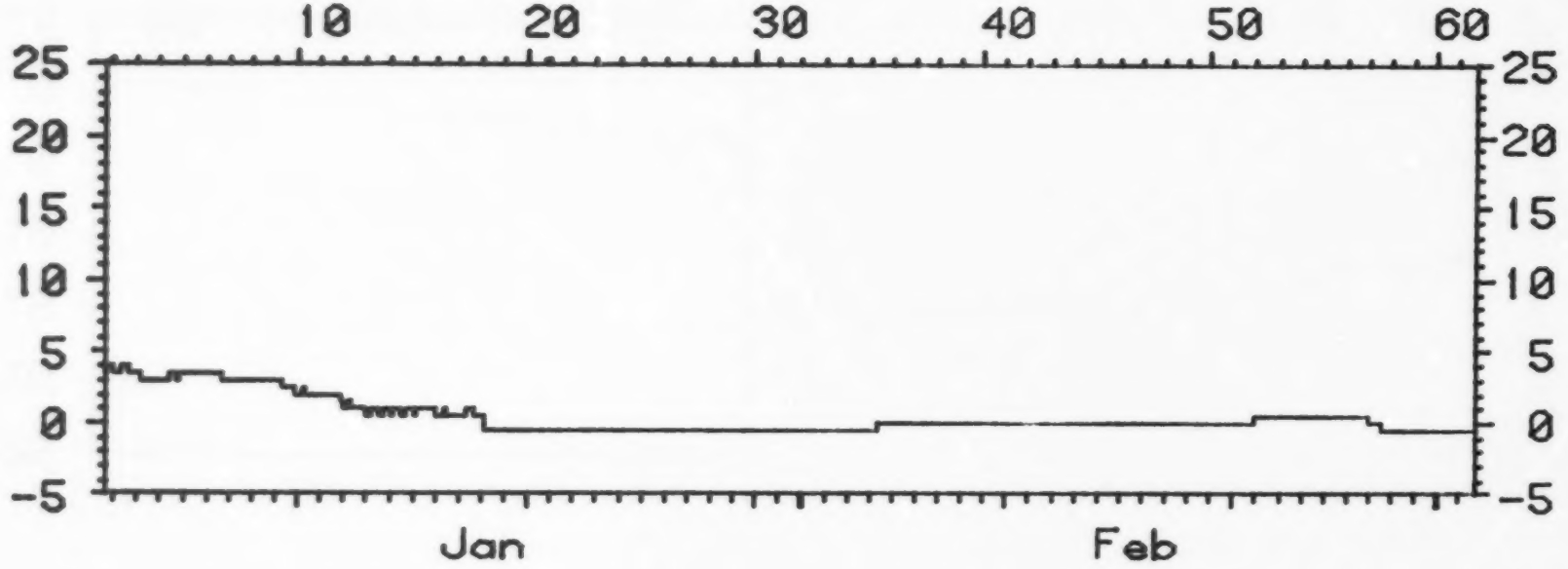
Station 9C

Instrument : 61469

ARGYLE SOUND - BOARD ISLAND NS (Page 2)

Pos. : 43.73, 65.95 Depth : 8.0 meters

Jan 1, 1982 16:00 GMT to Mar 2, 1982 16:00 GMT

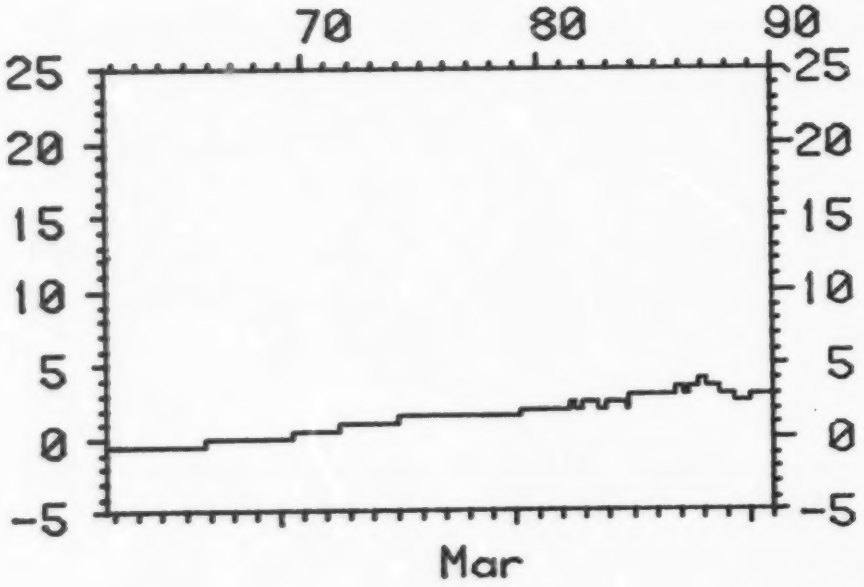


Instrument : 61469

ARGYLE SOUND - BOARD ISLAND NS (Page 3)

Pos. : 43.73, 65.95 Depth : 8.0 meters

Mar 2, 1982 16:00 GMT to Mar 31, 1982 00:00 GMT

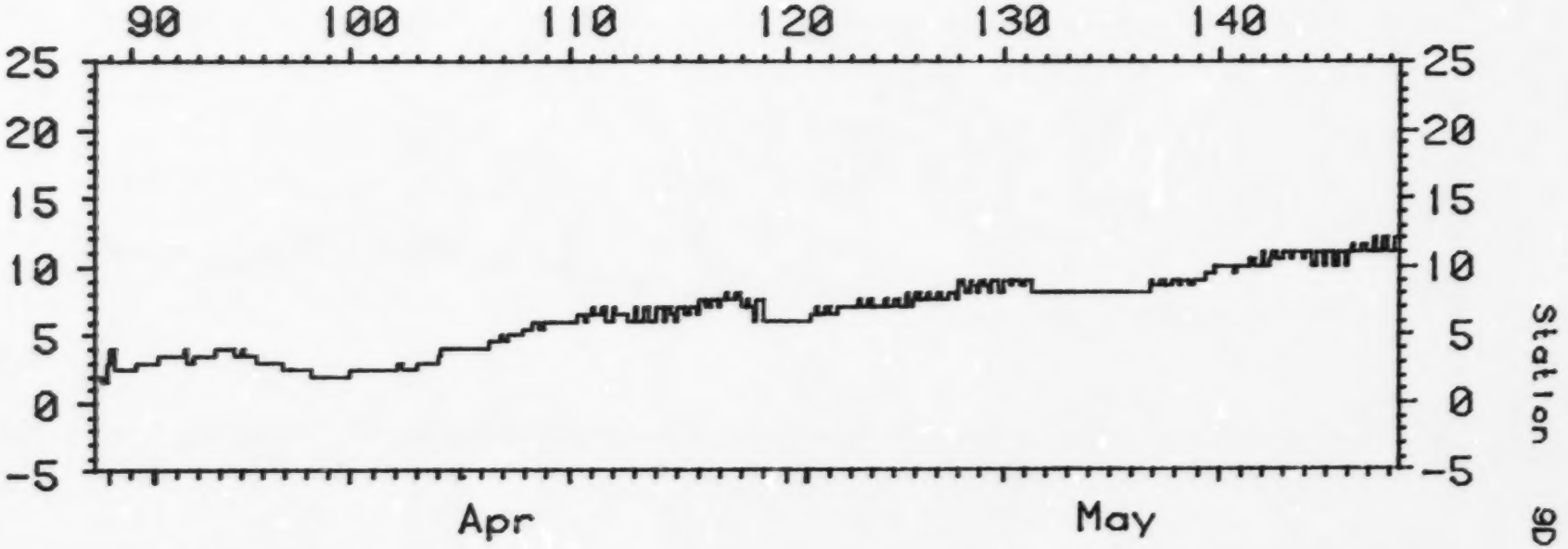


Instrument : 61469

ARGYLE SOUND - BOARD ISLAND NS (Page 1)

Pos. : 43.73, 65.85 Depth : 8.0 meters

Mar 29, 1982 08:00 GMT to May 28, 1982 08:00 GMT



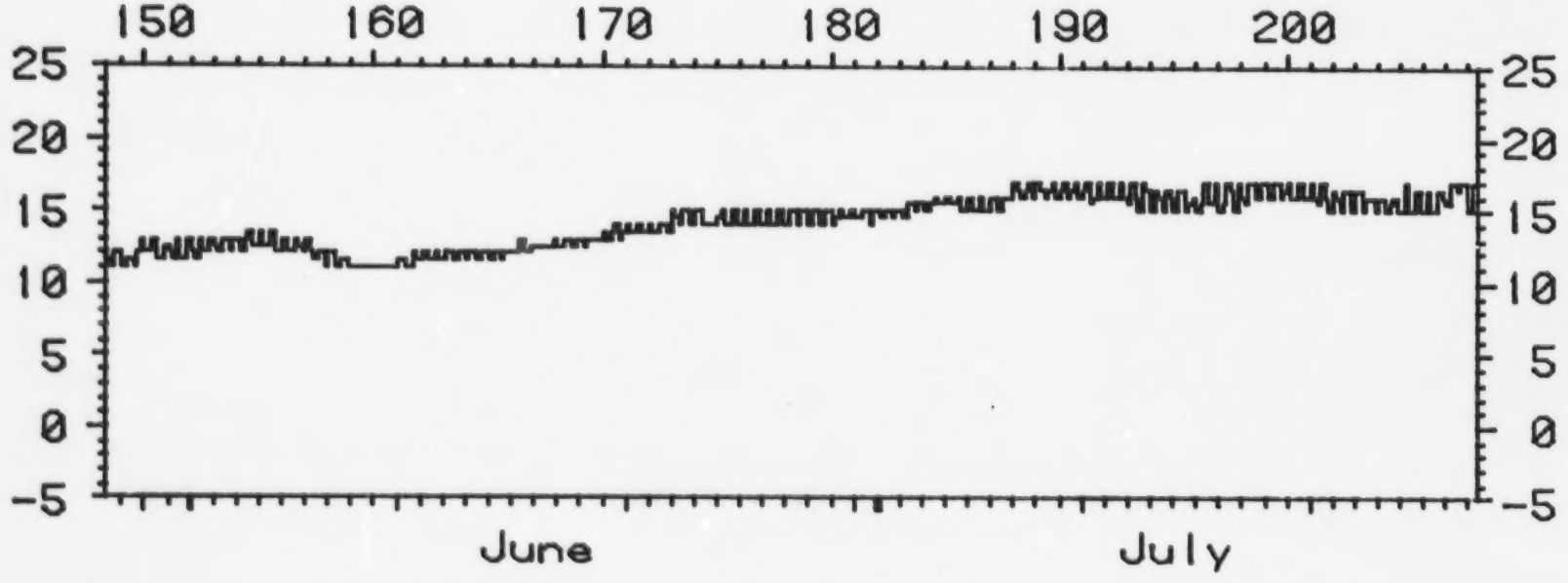
Instrument : 61049

START TIME MAY BE OFF SLIGHTLY.

ARGYLE SOUND - BOARD ISLAND NS (Page 2)

Pos. : 43.73, 65.85 Depth : 8.0 meters

May 28, 1982 08:00 GMT to July 27, 1982 08:00 GMT



Instrument : 61049

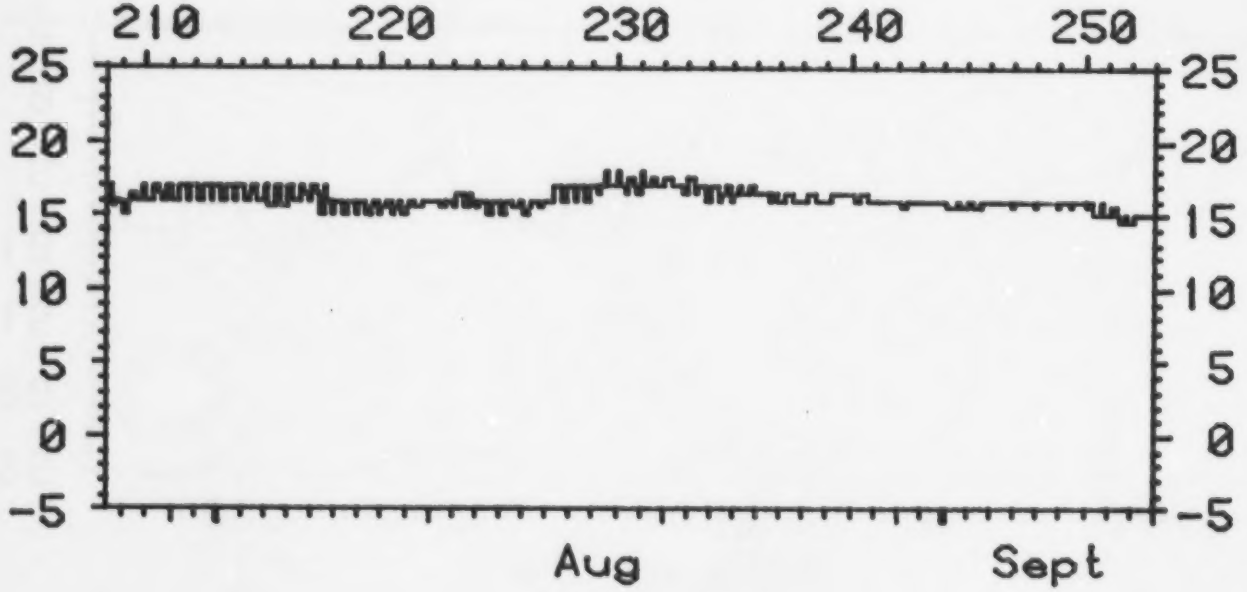
START TIME MAY BE OFF SLIGHTLY.

Station 9D (continued)

ARGYLE SOUND - BOARD ISLAND NS (Page 3)

Pos. : 43.73, 65.85 Depth : 8.0 meters

July 27, 1982 08:00 GMT to Sept 10, 1982 00:00 GMT



Instrument : 61049

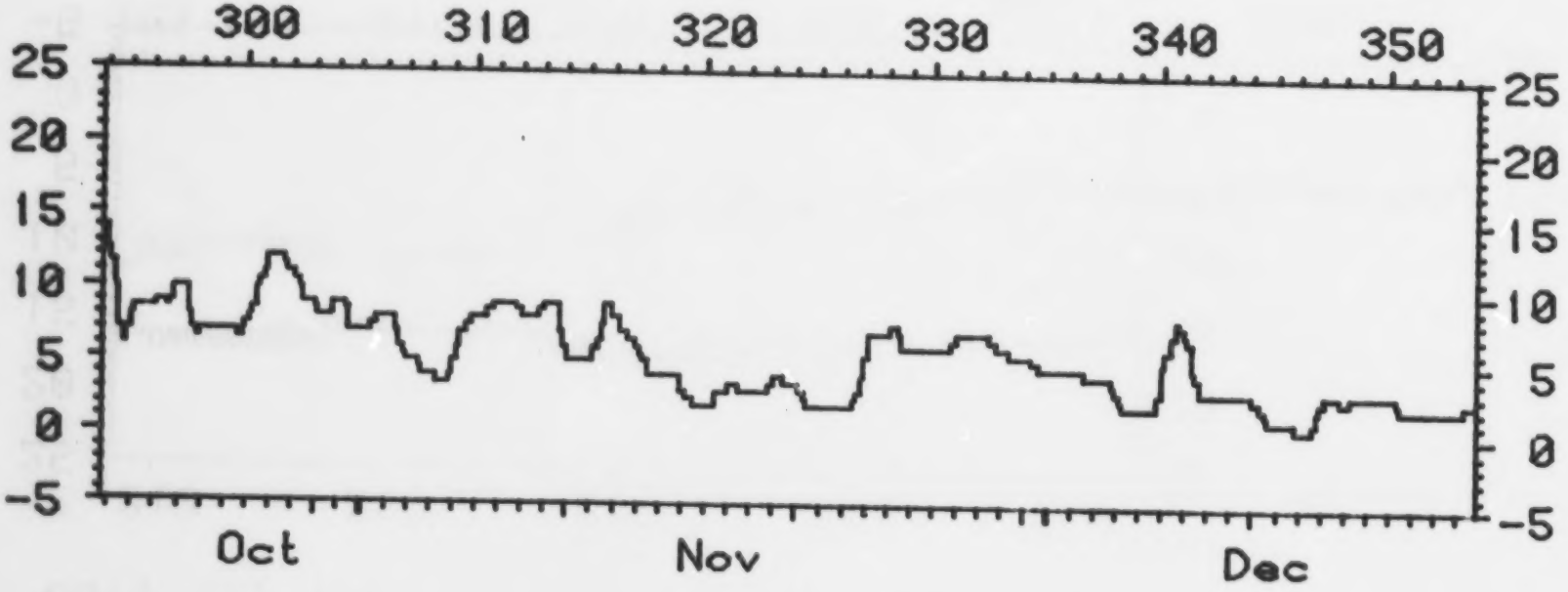
START TIME MAY BE OFF SLIGHTLY.

Station 09 (continued)

ARGYLE SOUND - INDIAN SLUICE NS (Page 1)

Pos. : 43.77, 65.94 Depth : 10.0 meters

Oct 20, 1981 18:39 GMT to Dec 19, 1981 18:39 GMT



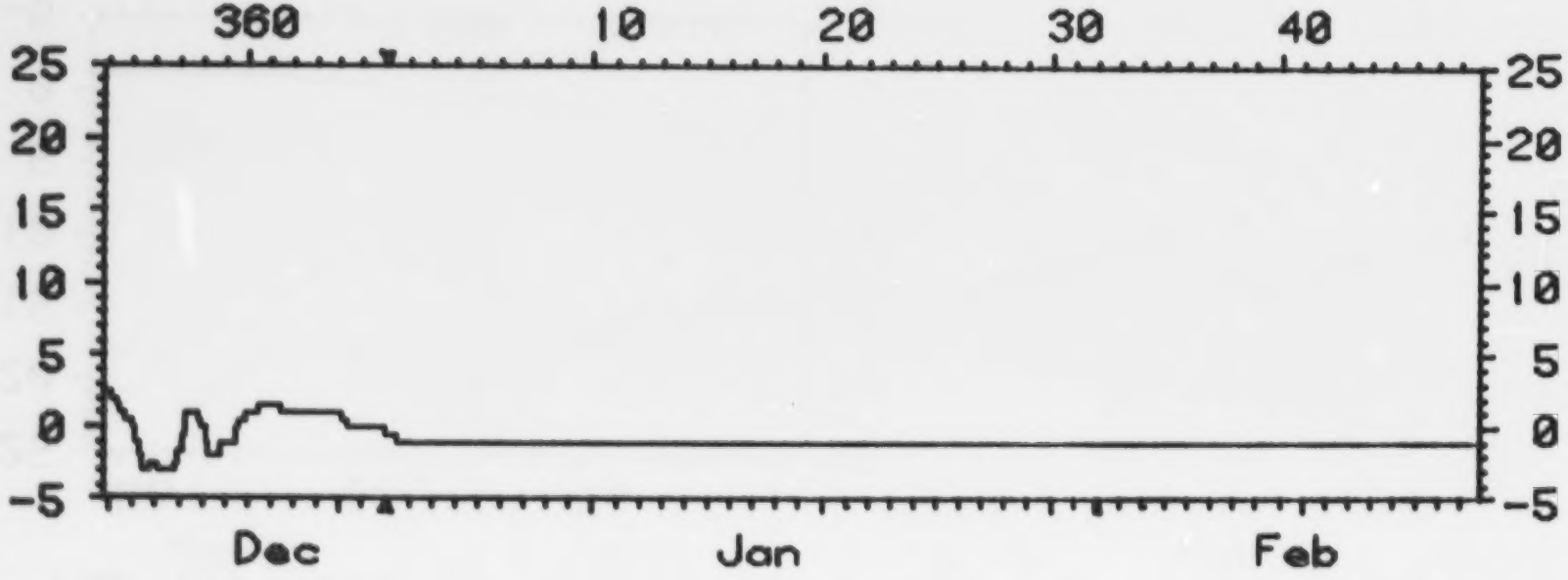
Instrument : 61734

Station 9F

ARGYLE SOUND - INDIAN SLUICE NS (Page 2)

Pos. : 43.77, 65.94 Depth : 10.0 meters

Dec 19, 1981 18:39 GMT to Feb 17, 1982 18:39 GMT



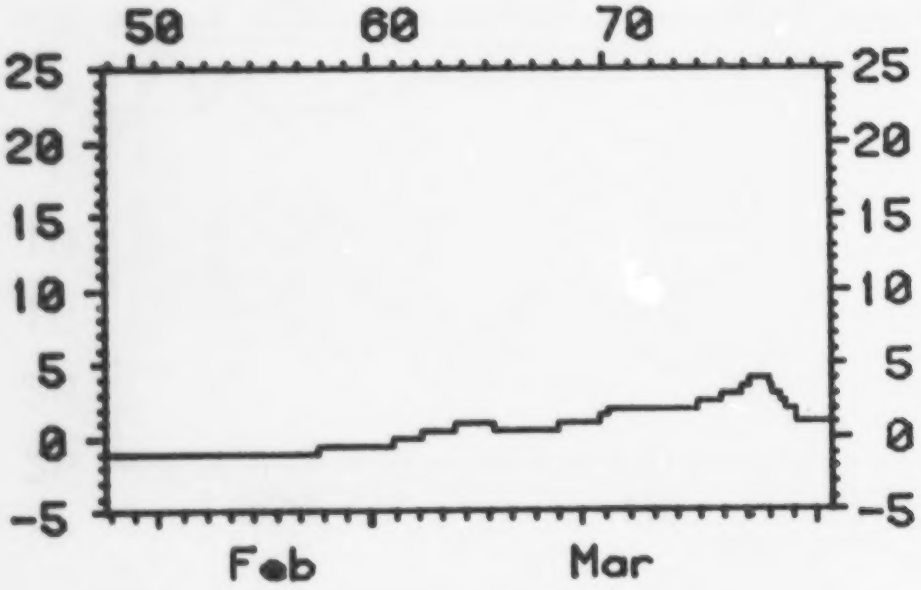
Instrument : 61734

Station 9F (continued)

ARGYLE SOUND - INDIAN SLUICE NS (Page 3)

Pos. : 43.77, 65.94 Depth : 10.0 meters

Feb 17, 1982 18:39 GMT to Mar 20, 1982 14:39 GMT



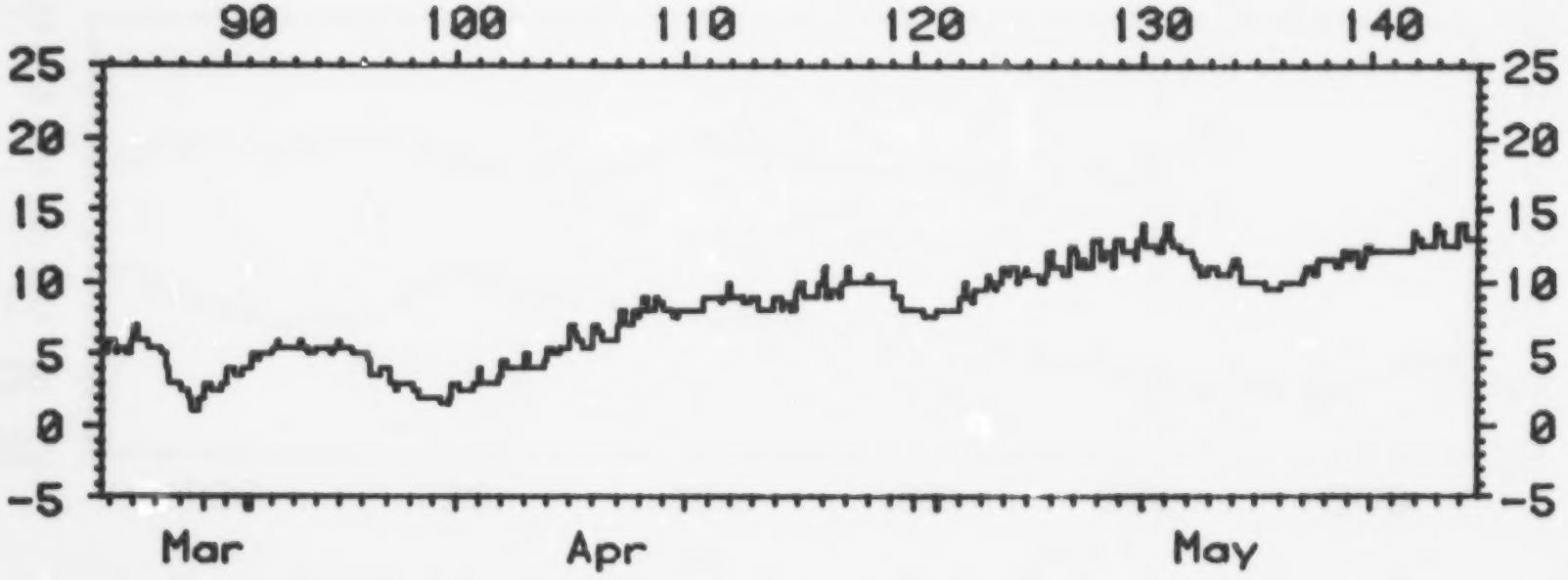
Instrument : 61734

Station 9F (continued)

ARGYLE SOUND - GLENWOOD NS (Page 1)

Pos. : 43.81, 65.88 Depth : 7.0 meters

Mar 25, 1982 16:00 GMT to May 24, 1982 16:00 GMT

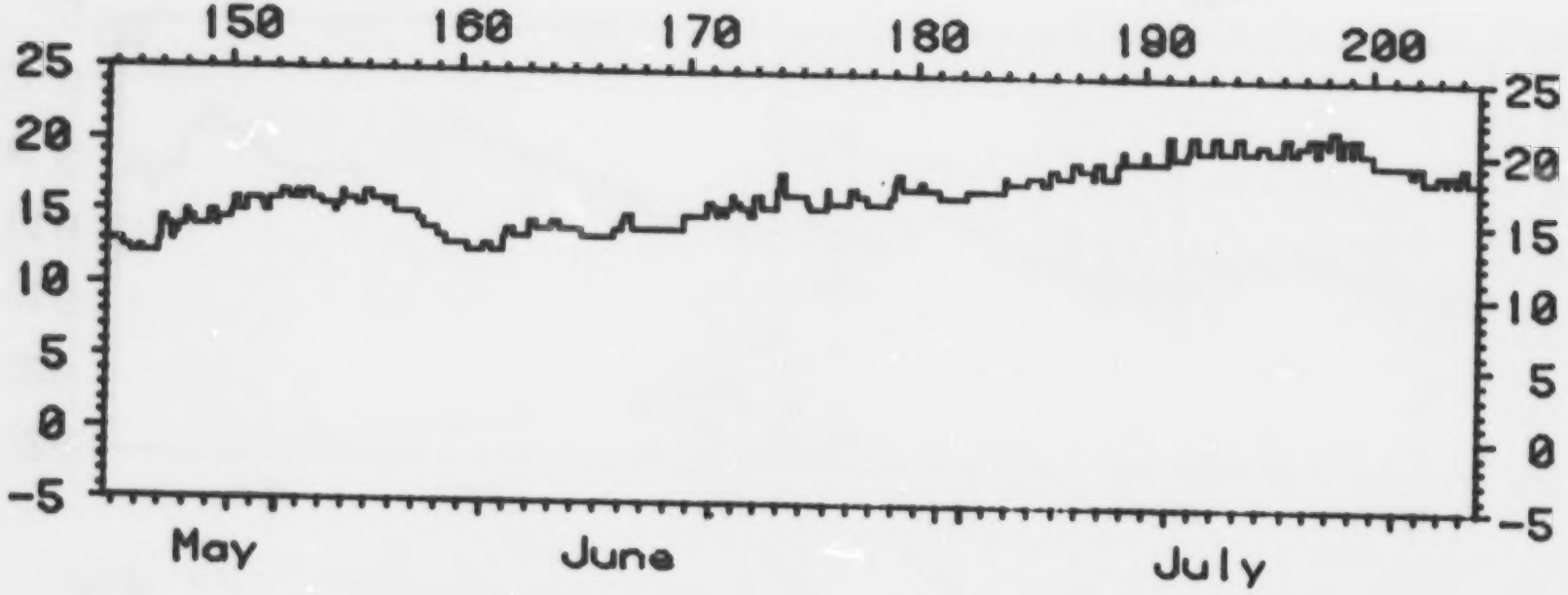


Instrument : 61031

ARGYLE SOUND - GLENWOOD NS (Page 2)

Pos. : 43.81, 65.88 Depth : 7.0 meters

May 24, 1982 16:00 GMT to July 23, 1982 16:00 GMT



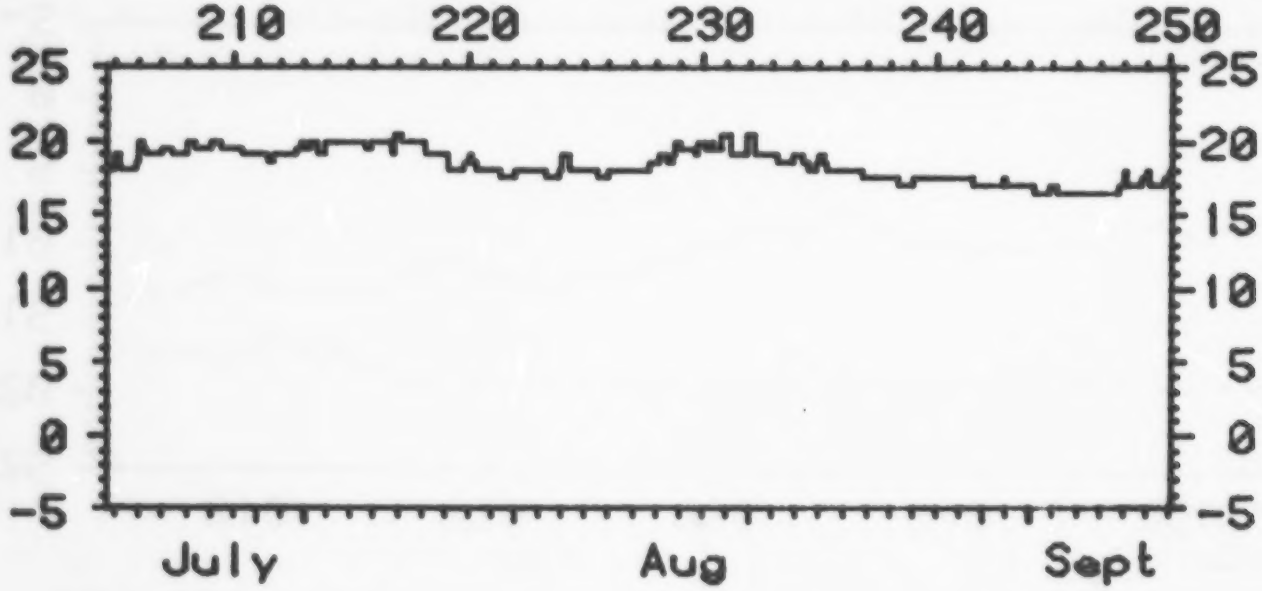
Instrument : 61031

Station 9H (continued)

ARGYLE SOUND - GLENWOOD NS (Page 3)

Pos. : 43.81, 65.88 Depth : 7.0 meters

July 23, 1982 16:00 GMT to Sept 7, 1982 04:00 GMT

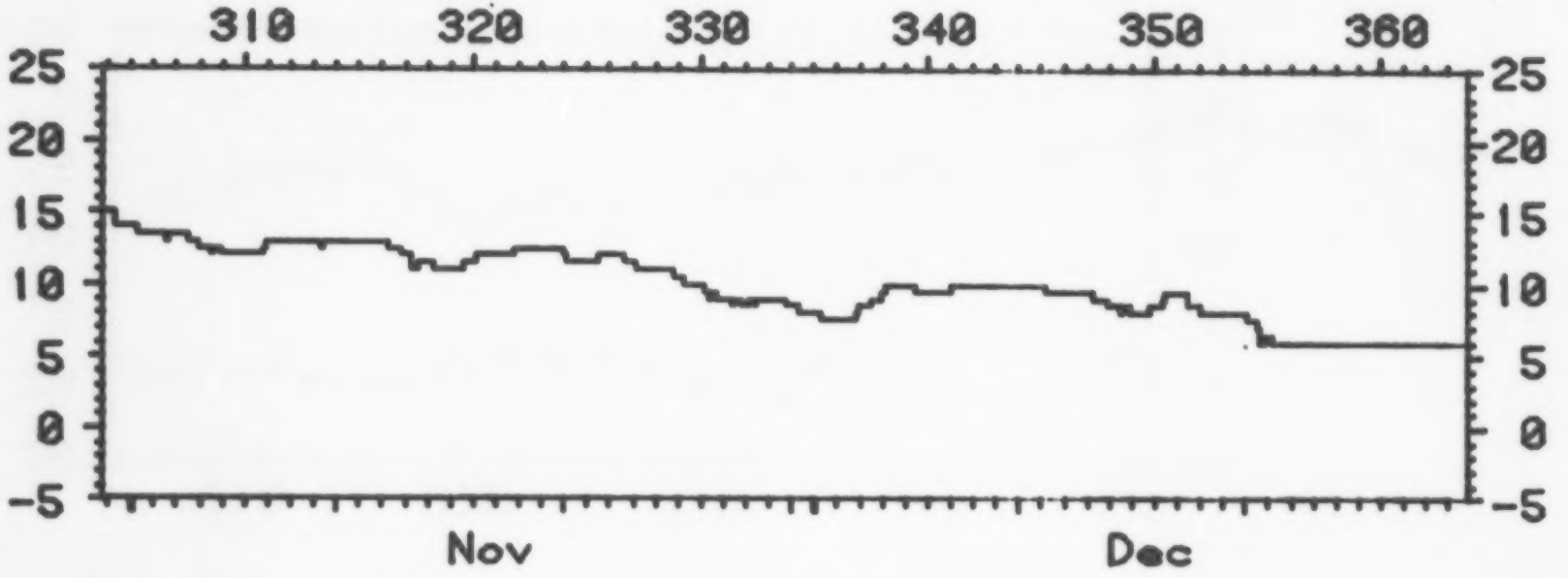


Instrument : 61031

ARGYLE SOUND - GLENWOOD NS (Page 1)

Pos. : 43.81, 65.88 Depth : 7.0 meters

Oct 30, 1981 19:00 GMT to Dec 29, 1981 19:00 GMT

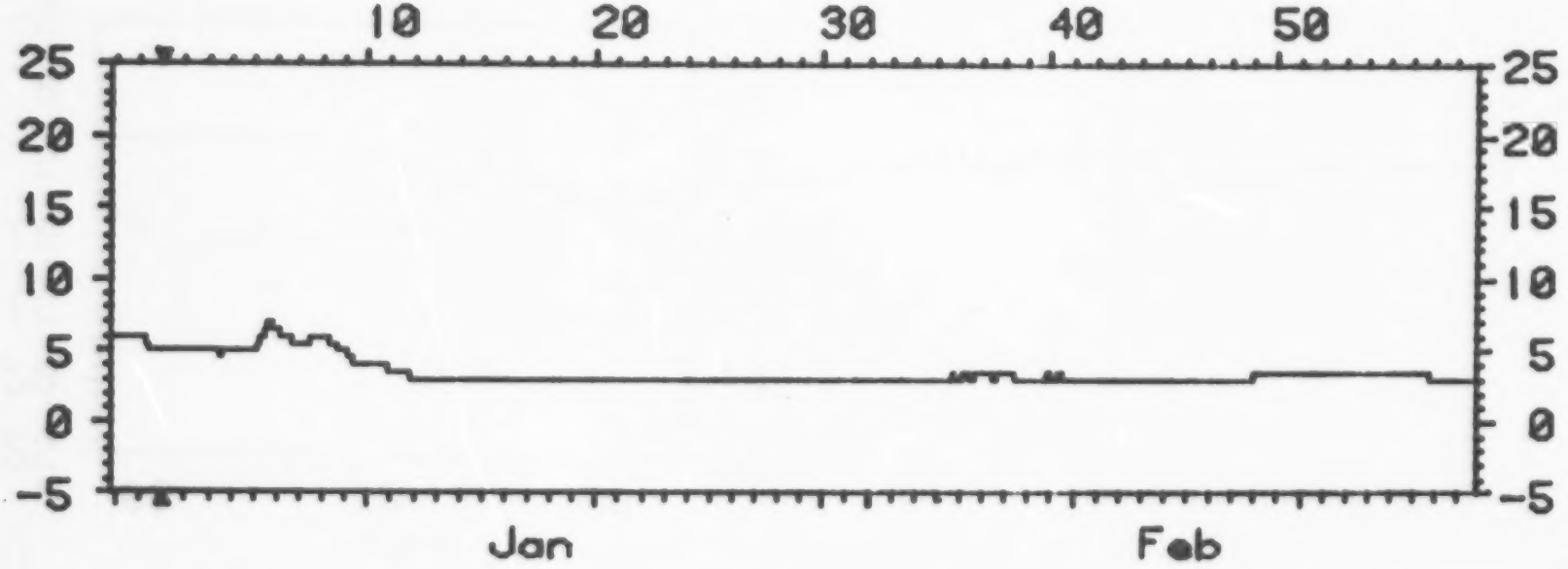


Instrument : 61684

ARGYLE SOUND - GLENWOOD NS (Page 2)

Pos. : 43.81, 65.88 Depth : 7.0 meters

Dec 29, 1981 19:00 GMT to Feb 27, 1982 19:00 GMT

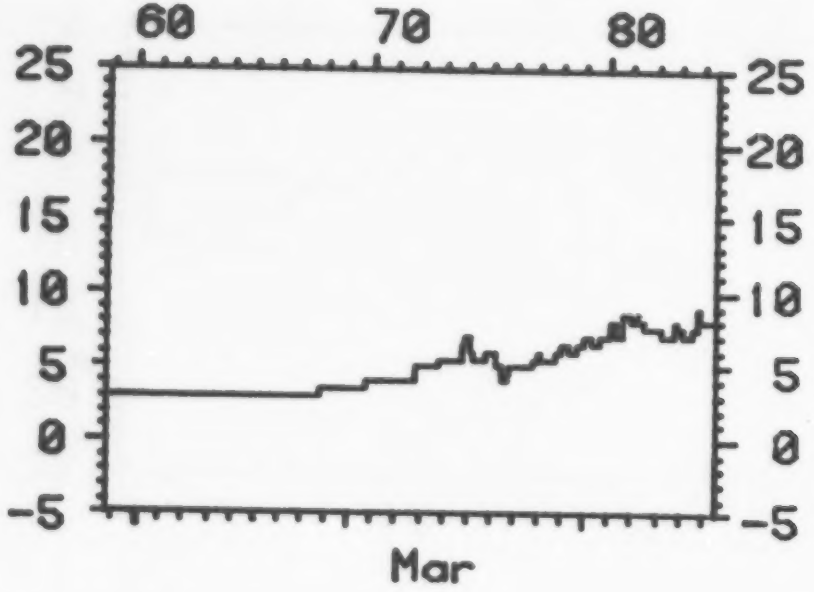


Instrument : 61684

ARGYLE SOUND - GLENWOOD NS (Page 3)

Pos. : 43.81, 65.88 Depth : 7.0 meters

Feb 27, 1982 19:00 GMT to Mar 25, 1982 15:00 GMT

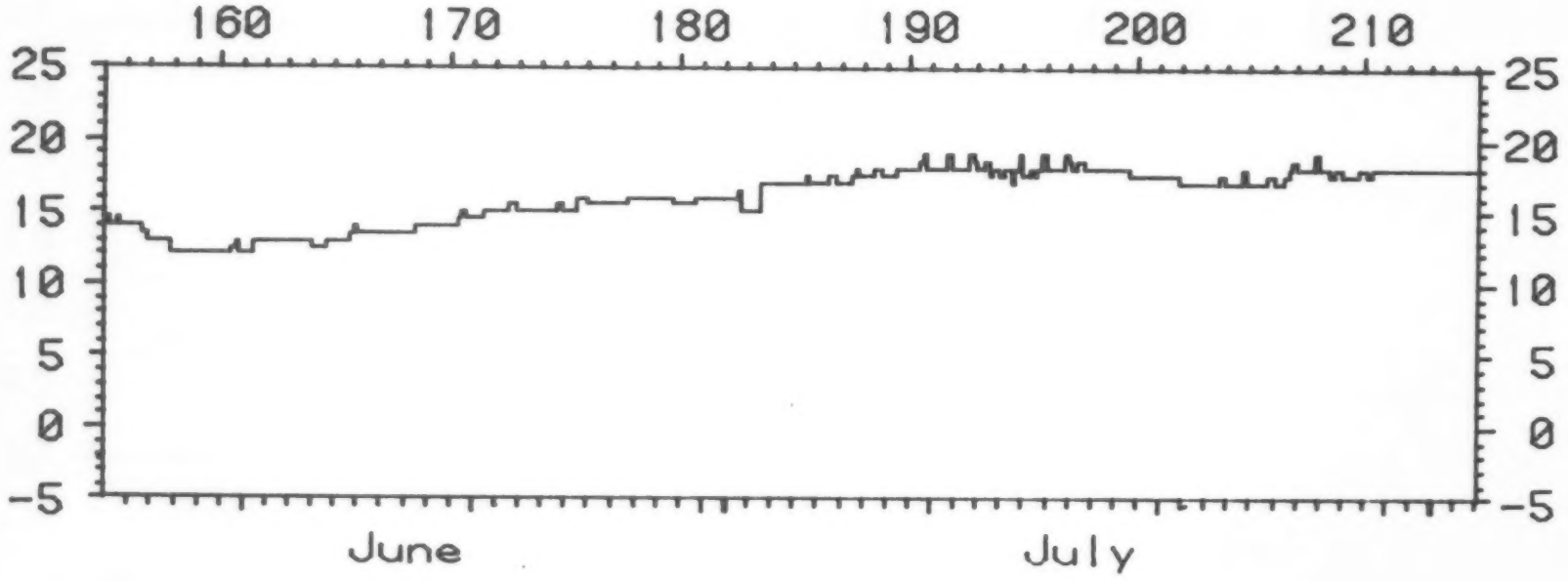


Instrument : 61684

ARGYLE SOUND - ARDNAMURCHAN NS (Page 1)

Pos. : 43.75, 65.85

June 4, 1982 00:00 GMT to Aug 3, 1982 00:00 GMT



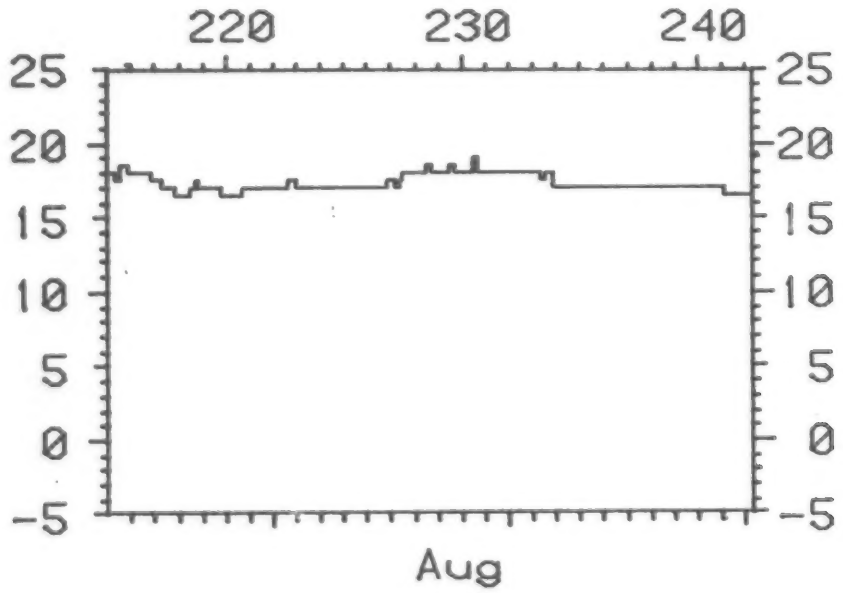
Station 80

Instrument : 60908

ARGYLE SOUND - ARDNAMURCHAN NS (Page 2)

Pos. : 43.75, 65.85

Aug 3, 1982 00:00 GMT to Aug 30, 1982 08:00 GMT



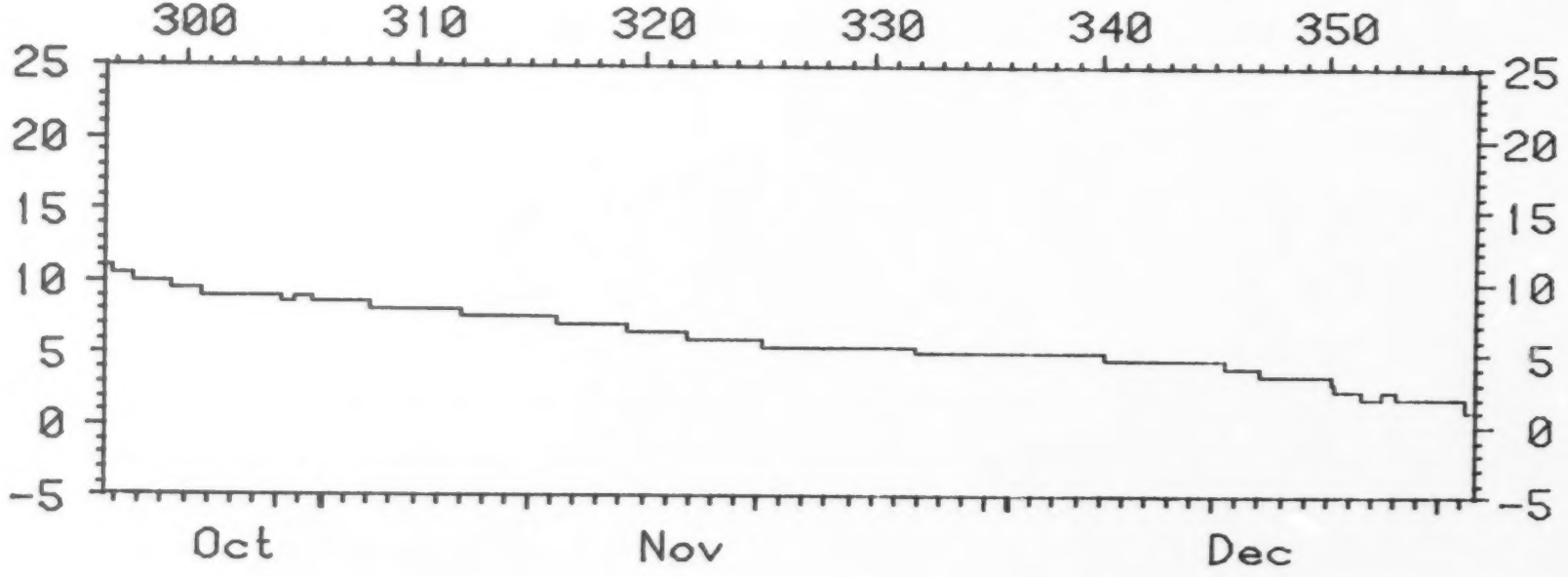
Instrument : 60908

Station 9J (continued)

WHALE ISLAND NS (Page 1)

Pos. : 43.52, 65.78 Depth : 7.0 meters

Oct 22, 1980 13:37 GMT to Dec 21, 1980 13:37 GMT



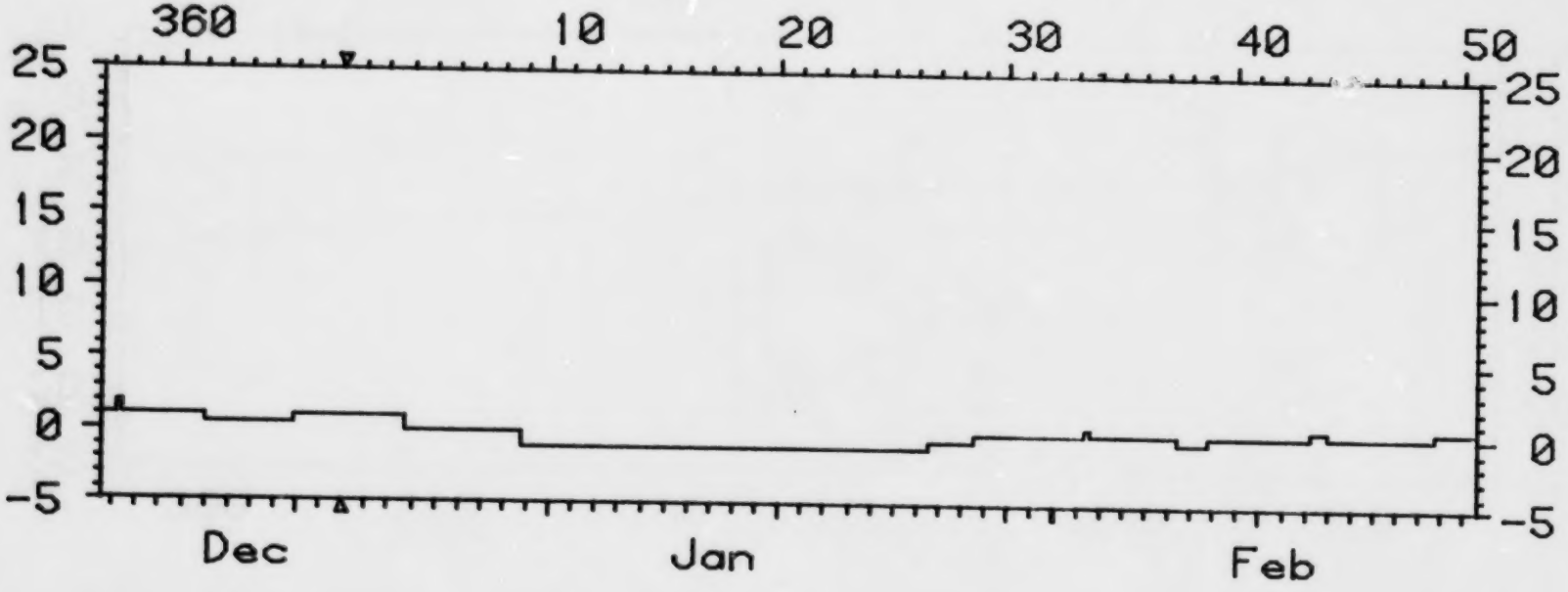
Instrument : 61048

Station 10A

WHALE ISLAND NS (Page 2)

Pos. : 43.52, 65.78 Depth : 7.0 meters

Dec 21, 1980 13:37 GMT to Feb 19, 1981 13:37 GMT

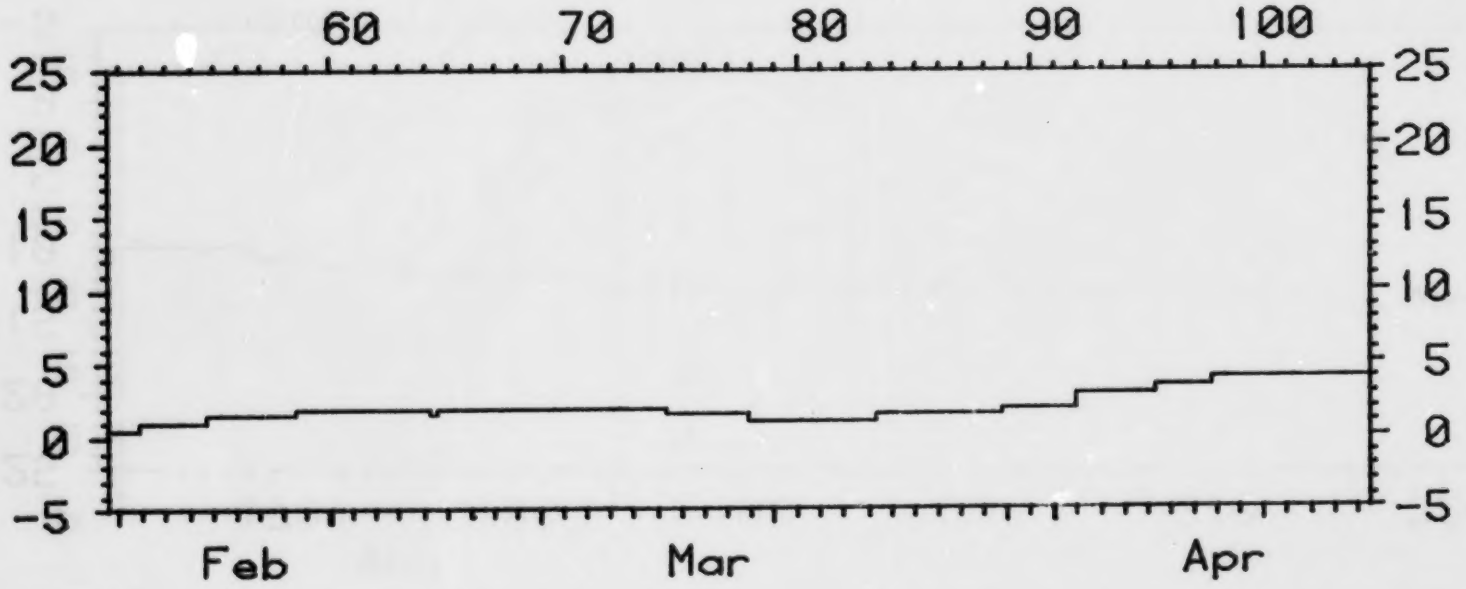


Instrument : 61048

WHALE ISLAND NS (Page 3)

Pos. : 43.52, 65.78 Depth : 7.0 meters

Feb 19, 1981 13:37 GMT to Apr 14, 1981 13:37 GMT

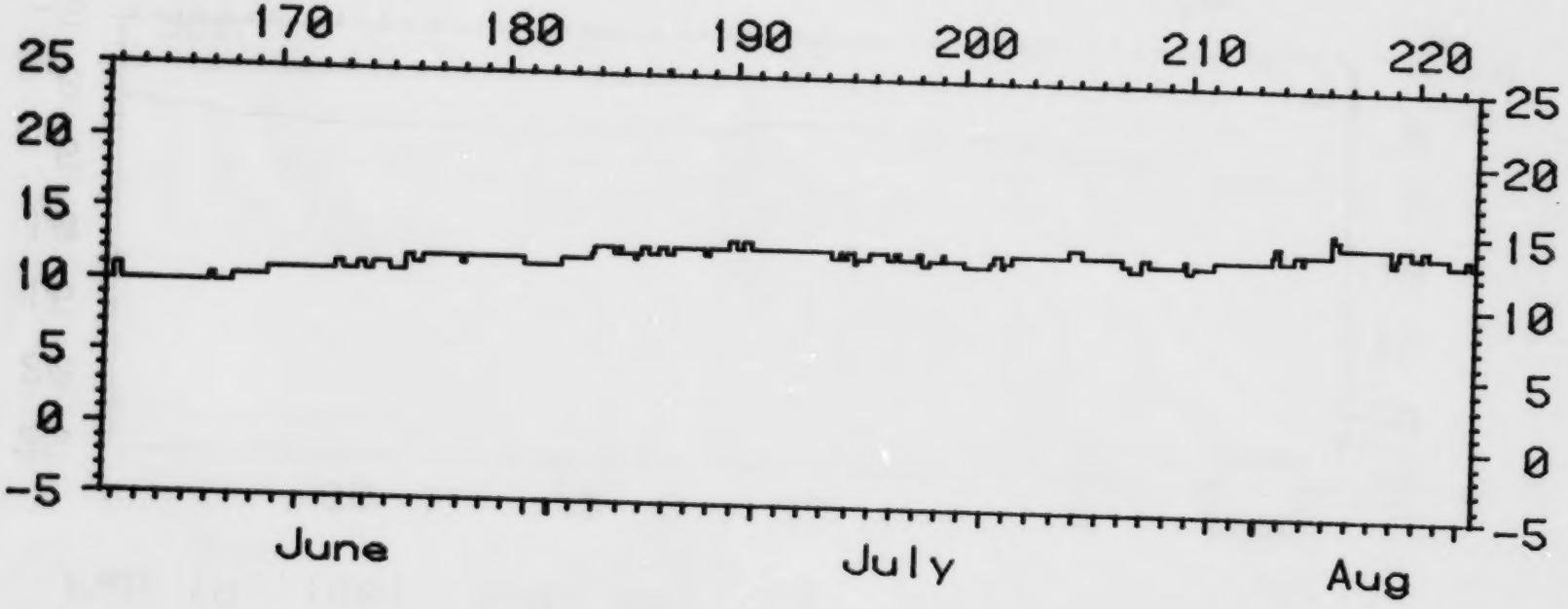


Instrument : 61048

PUBNICO NS

Pos. : 43.60, 65.80 Depth : 5.0 meters

June 11, 1982 13:30 GMT to Aug 10, 1982 13:30 GMT



Instrument : 61659

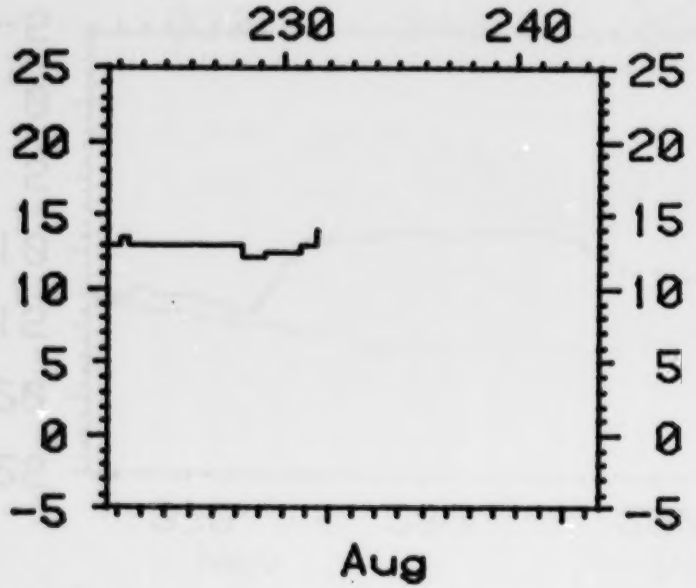
Station 13

Station 13 (continued)

PUBNICO NS (Page 2)

Pos. : 43.60, 65.80 Depth : 5.0 meters

Aug 10, 1982 13:30 GMT to Aug 31, 1982 13:30 GMT

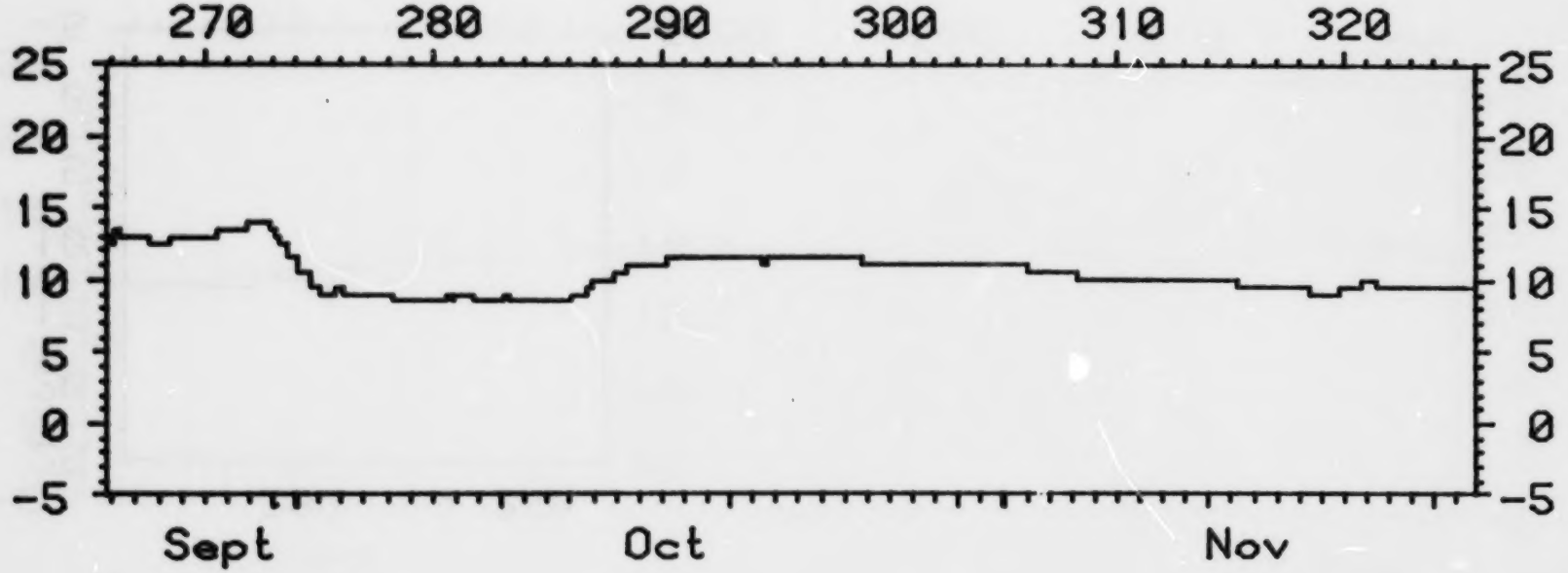


Instrument : 61659

CAPE SABLE NS (Page 1)

Pos. : 43.38, 65.63 Depth : 24.0 meters

Sept 22, 1981 18:30 GMT to Nov 21, 1981 18:30 GMT



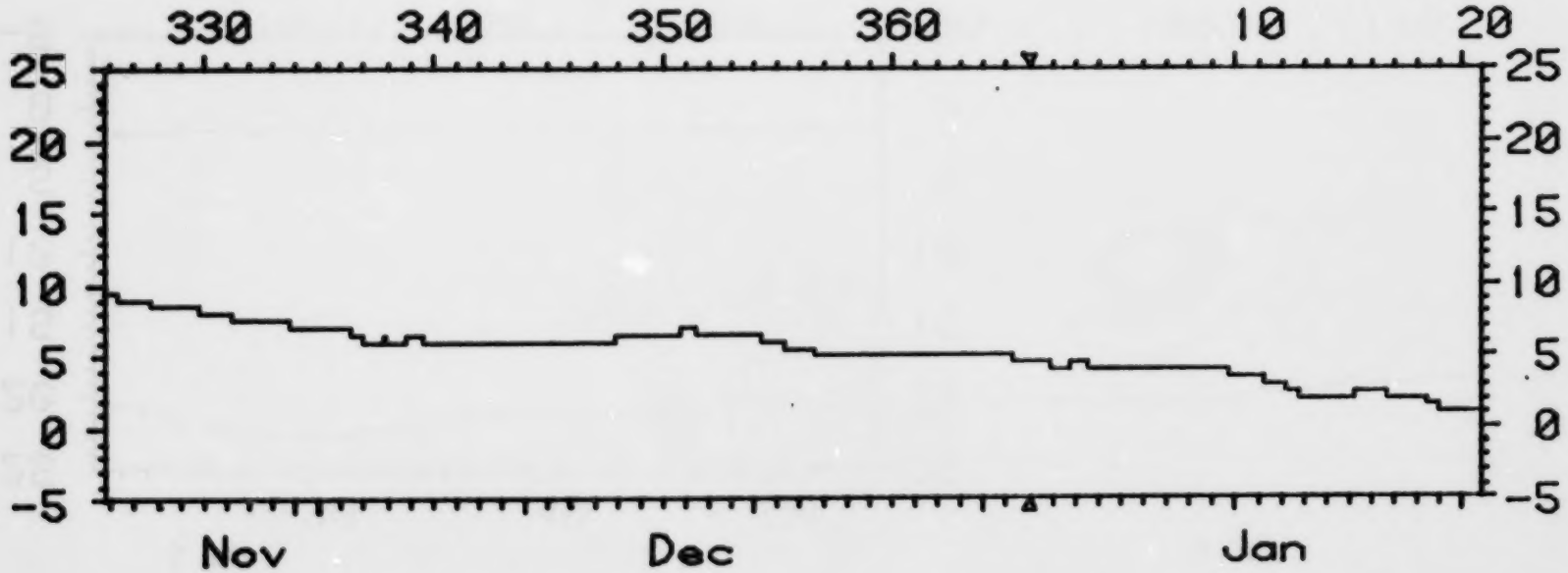
Instrument : 61665

87 Station 16A

CAPE SABLE NS (Page 2)

Pos. : 43.38, 65.63 Depth : 24.0 meters

Nov 21, 1981 18:30 GMT to Jan 20, 1982 18:30 GMT

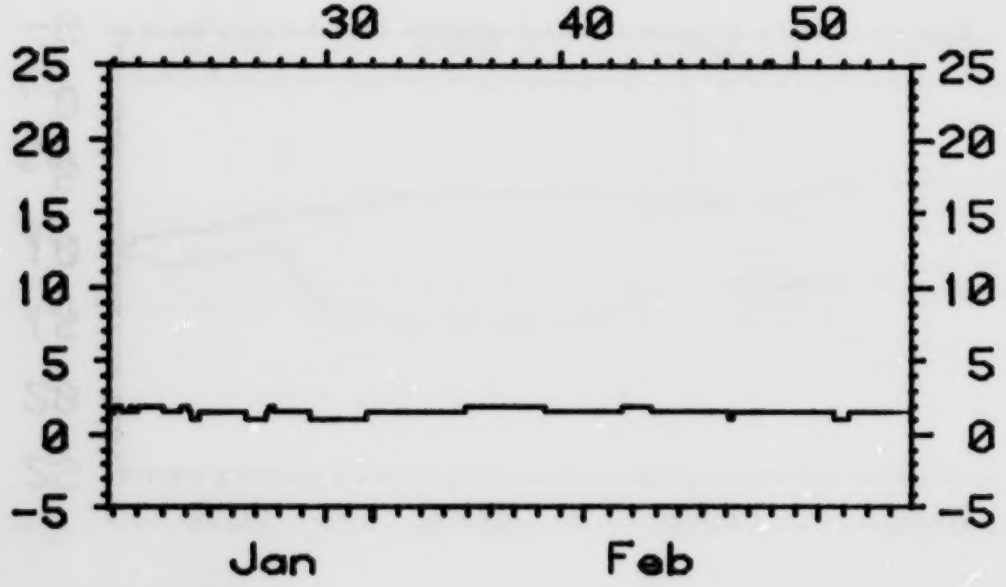


Instrument : 61665

CAPE SABLE NS (Page 3)

Pos. : 43.38, 65.63 Depth : 24.0 meters

Jan 20, 1982 18:30 GMT to Feb 23, 1982 22:30 GMT

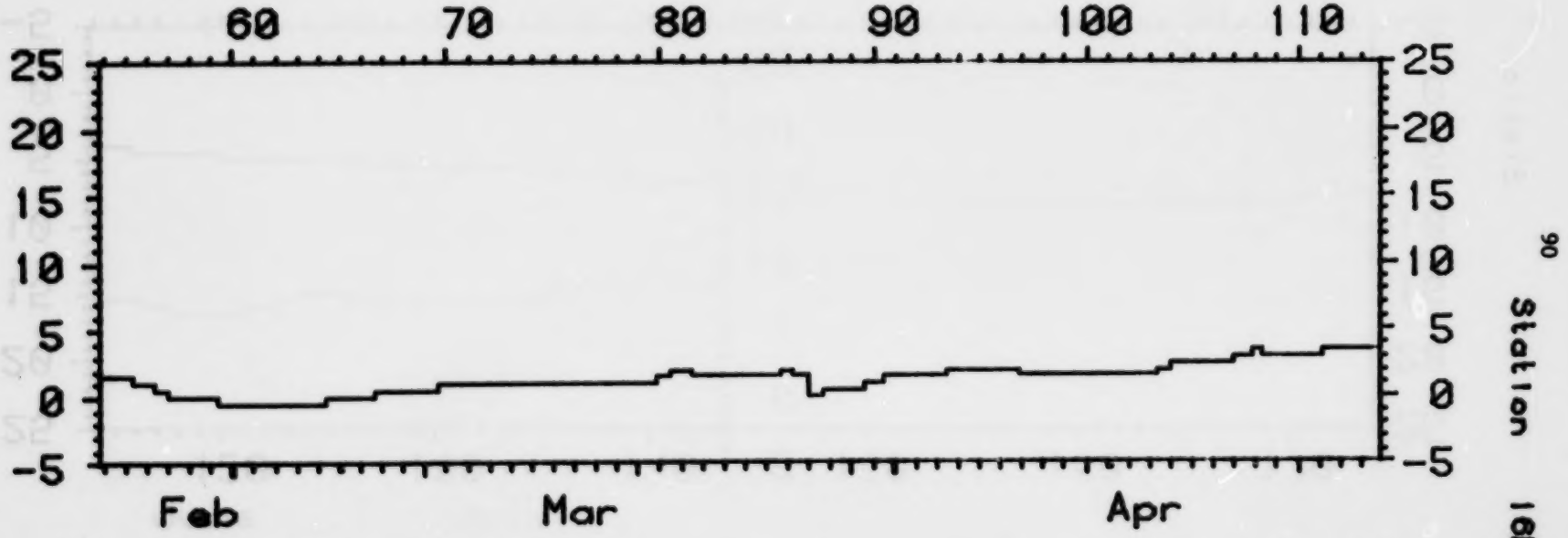


Instrument : 61665

CAPE SABLE NS (Page 1)

Pos. : 43.36, 65.63 Depth : 17.0 meters

Feb 22, 1982 20:00 GMT to Apr 23, 1982 20:00 GMT

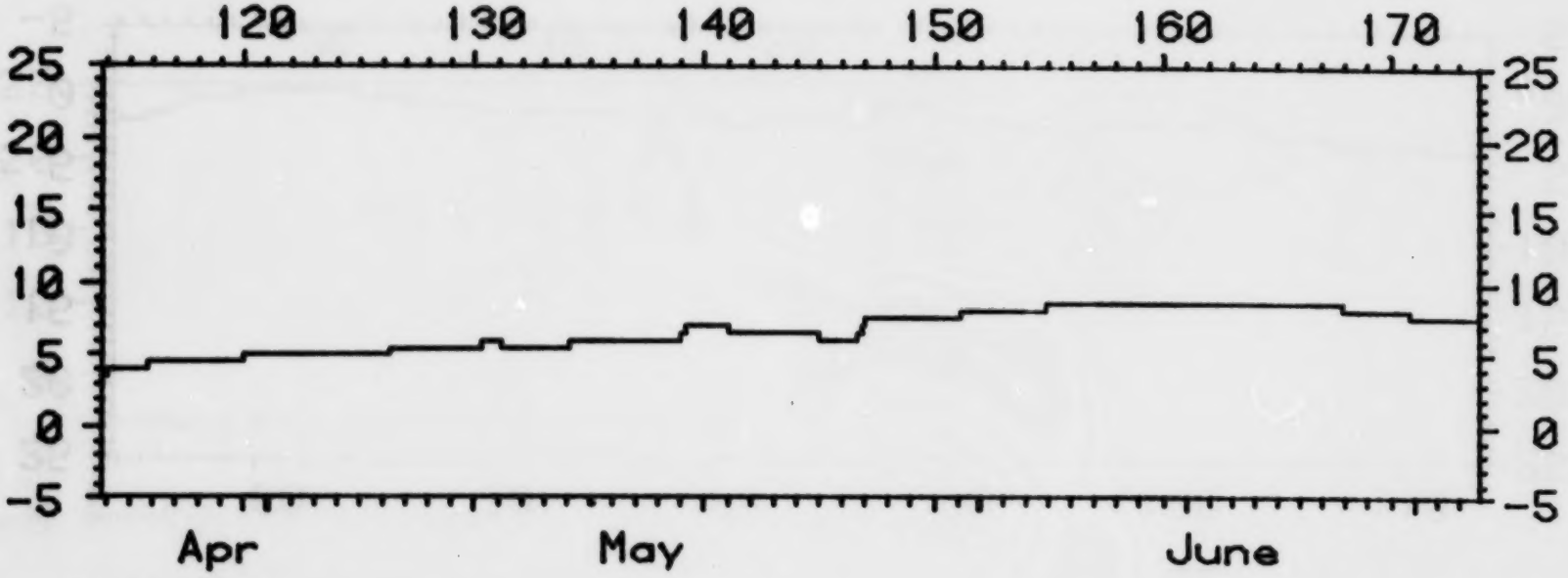


Instrument : 61669

CAPE SABLE NS (Page 2)

Pos. : 43.36, 65.63 Depth : 17.0 meters

Apr 23, 1982 20:00 GMT to June 22, 1982 20:00 GMT

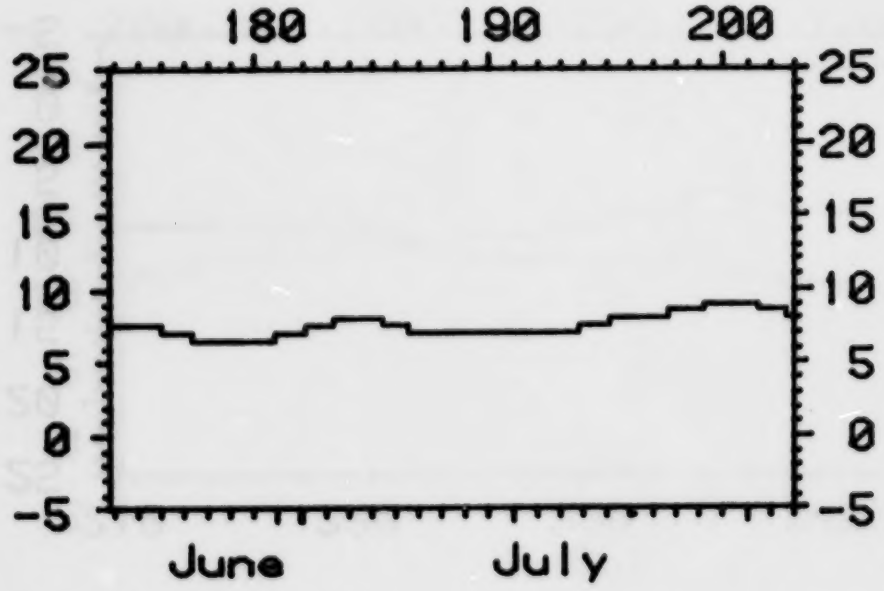


Instrument : 61669

CAPE SABLE NS (Page 3)

Pos. : 43.36, 65.63 Depth : 17.0 meters

June 22, 1982 20:00 GMT to July 22, 1982 00:00 GMT



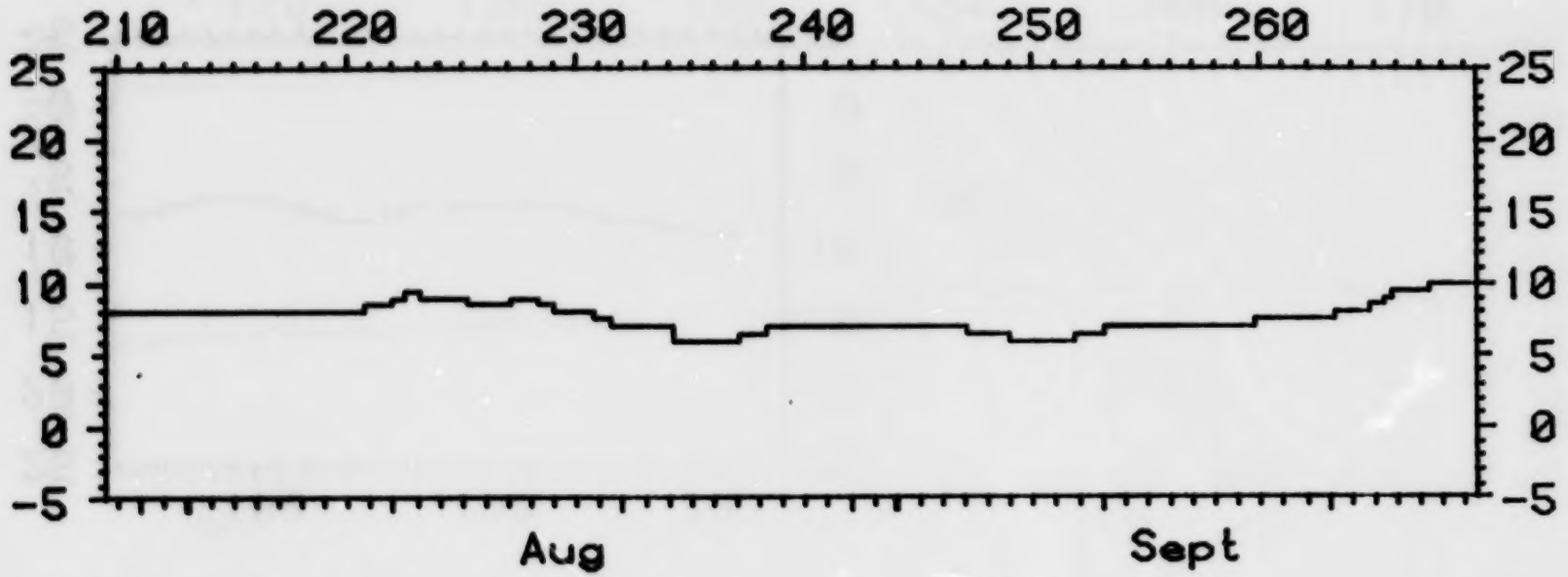
Instrument : 61669

Station 188 (continued)

CAPE SABLE NS (Page 1)

Pos. : 43.38, 65.63

July 28, 1982 11:00 GMT to Sept 26, 1982 11:00 GMT



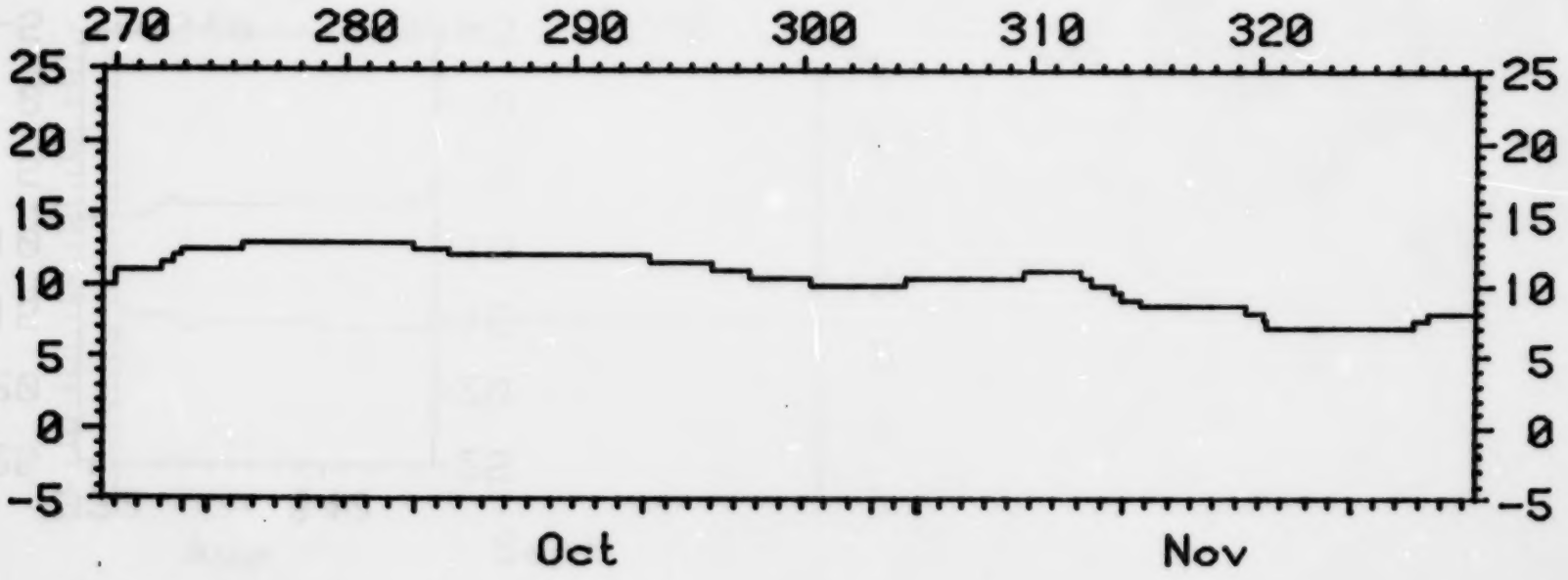
Station 16C 93

Instrument : 61630

CAPE SABLE NS (Page 2)

Pos. : 43.38, 65.63

Sept 26, 1982 11:00 GMT to Nov 25, 1982 11:00 GMT



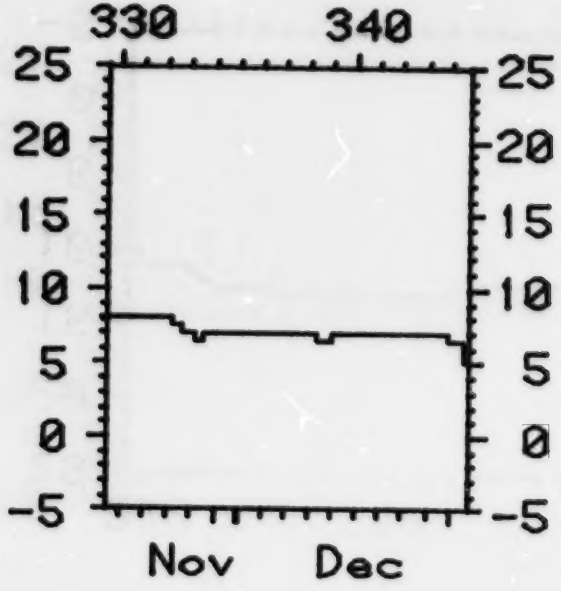
Instrument : 61630

Station 18C (Continued)

CAPE SABLE NS (Page 3)

Pos. : 43.38, 65.63

Nov 25, 1982 11:00 GMT to Dec 10, 1982 19:00 GMT



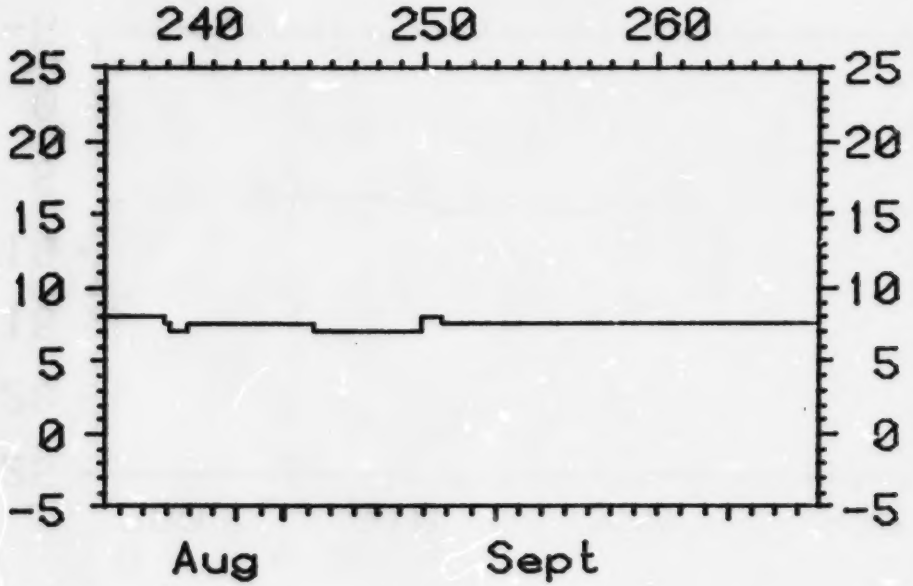
Instrument : 61630

Station 16C (continued)

CROWELL BASIN NS

Pos. : 42.93, 67.12 Depth : 220.0 meters

Aug 24, 1982 09:00 GMT to Sept 23, 1982 21:00 GMT



Instrument : 62477

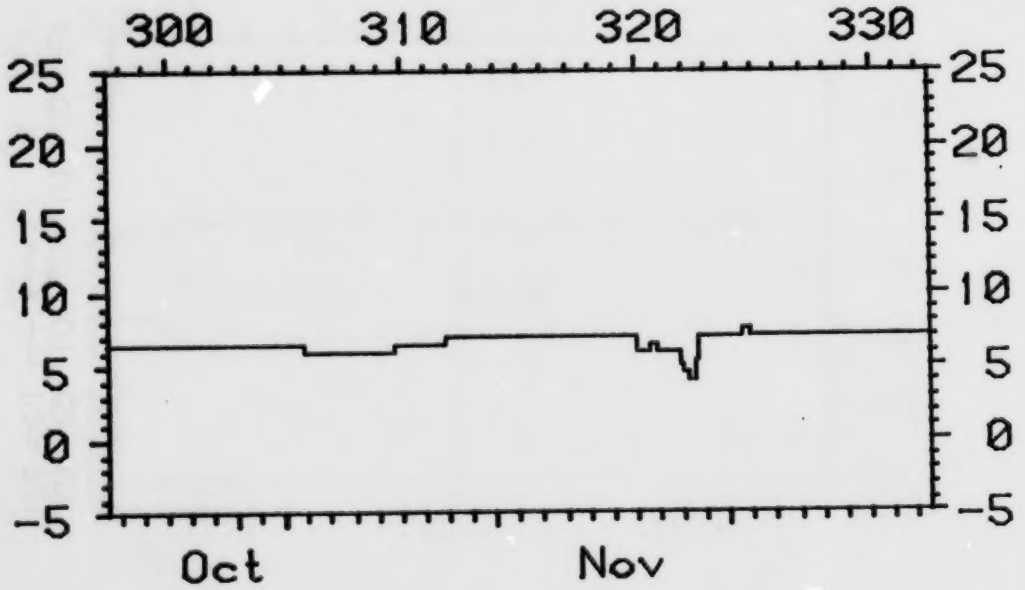
OFF SHORE LOBSTER VESSEL 'MV MYALLS'.

Station 17A

CROWELL BASIN NS

Pos. : 42.97, 67.00 Depth : 240.0 meters

Oct 24, 1982 12:40 GMT to Nov 28, 1982 12:39 GMT



Instrument : 62477

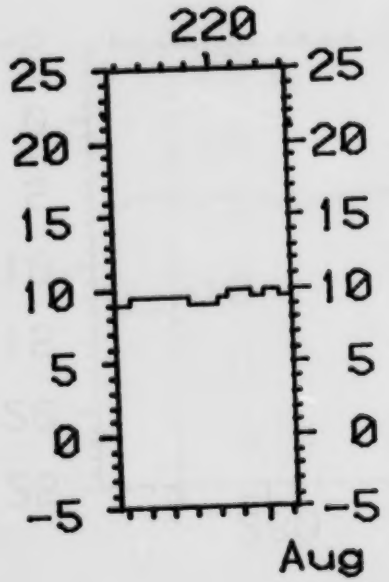
TIMING APPEARED OFF SLIGHTLY.

Station 178 87

S W BROWNS BANK

Pos. : 42.57, 66.33 Depth : 175.0 meters

Aug 3, 1982 17:00 GMT to Aug 11, 1982 05:00 GMT



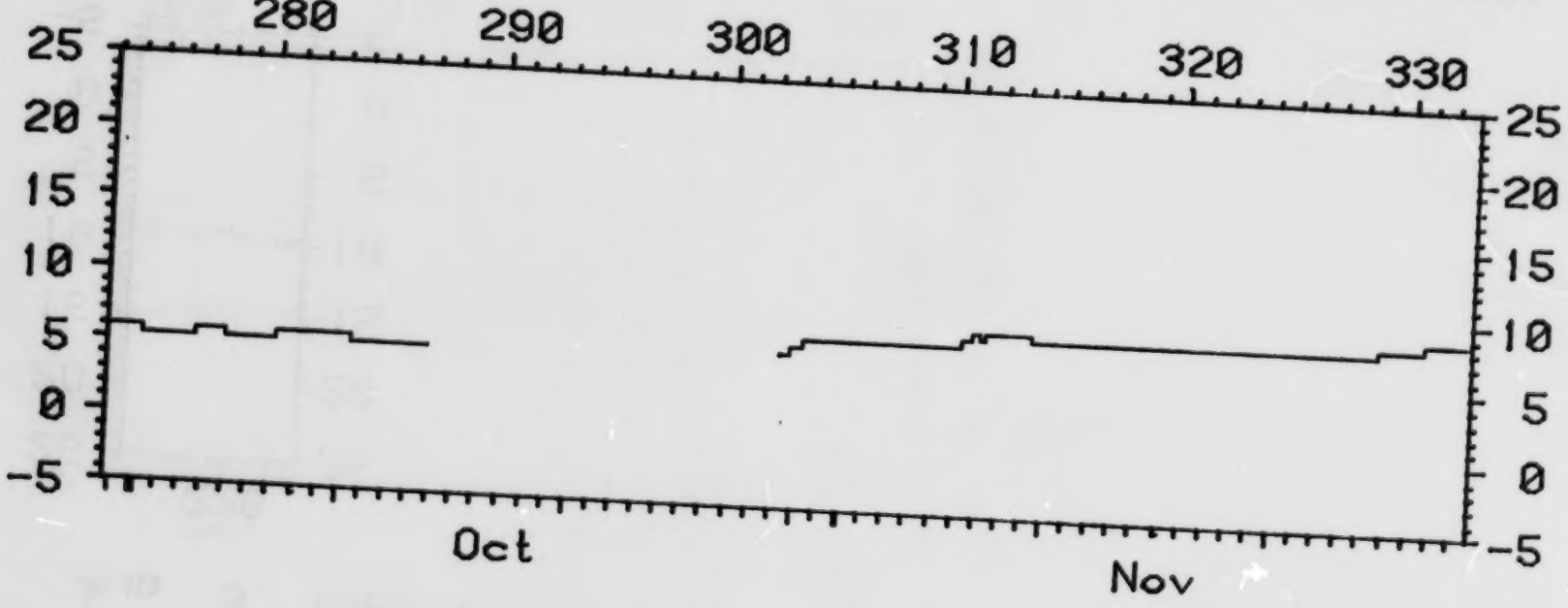
Station 18A

OFF SHORE LOBSTER FISHERY VESSEL. NO SERIAL NUMBER.

S W BROWNS BANK NS

Pos. : 42.60, 66.83 Depth : 160.0 meters

Sept 29, 1982 20:00 GMT to Nov 28, 1982 20:00 GMT



Station 183

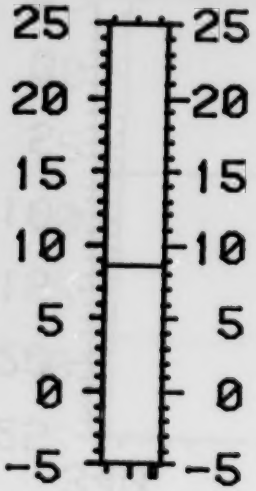
Instrument : 61694

INSTRUMENT TAKEN UP FOR 15 DAYS THEN REDEPLOYED.

S W BROWNS BANK NS (Page 2)

Pos. : 42.60, 66.83 Depth : 160.0 meters

Nov 28, 1982 20:00 GMT to Dec 1, 1982 08:00 GMT



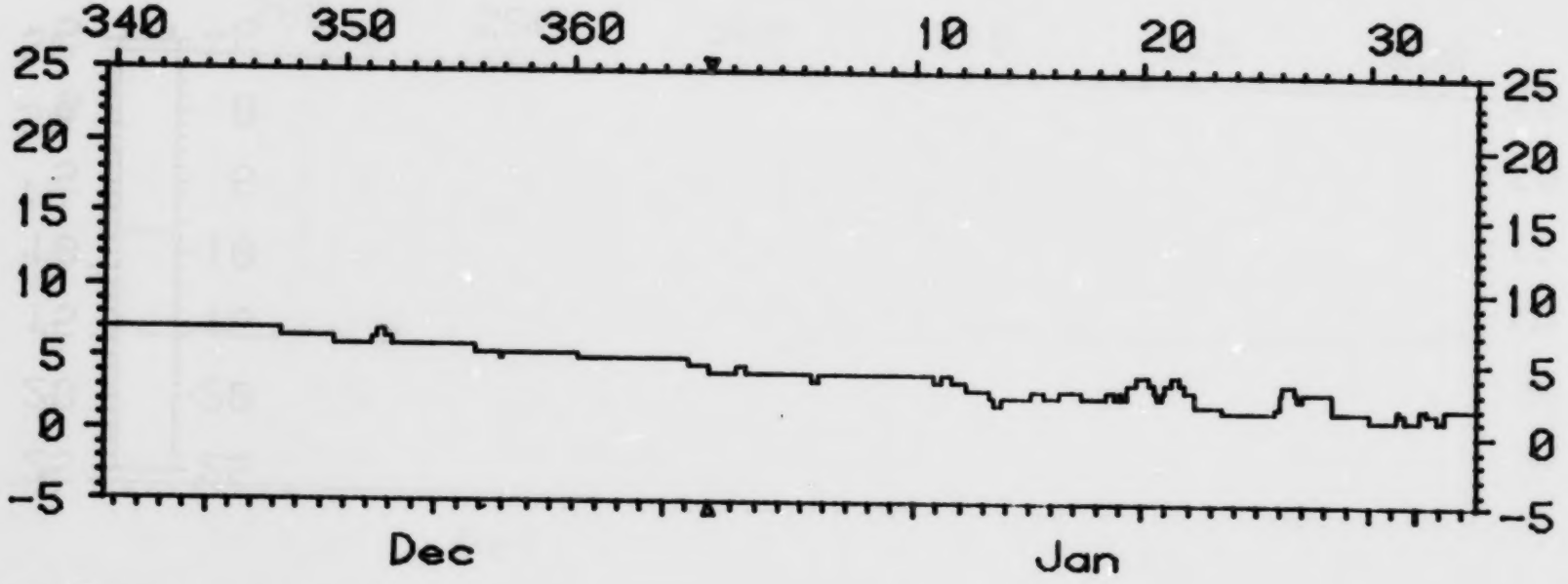
Instrument : 61694

INSTRUMENT TAKEN UP FOR 15 DAYS THEN REDEPLOYED.

PORT LATOUR NS (Page 1)

Pos. : 43.49, 65.43 Depth : 21.0 meters

Dec 5, 1981 15:00 GMT to Feb 3, 1982 15:00 GMT



Instrument : 61470

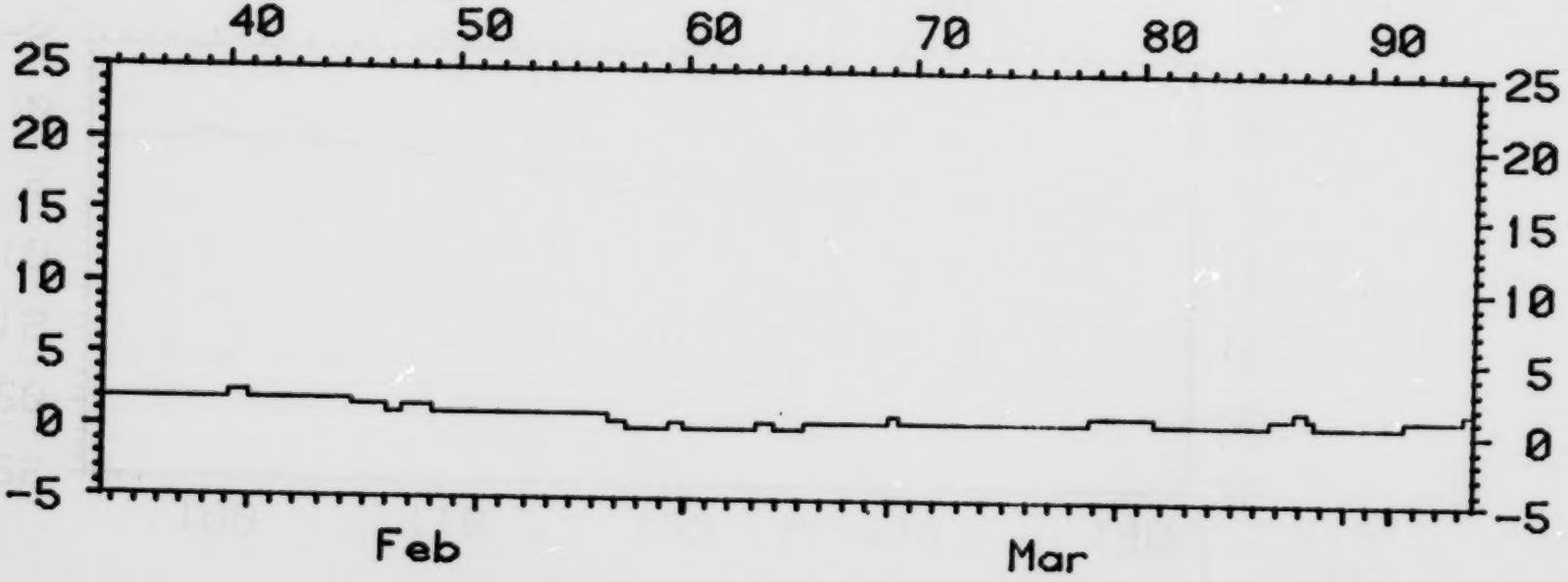
LEAKED SLIGHTLY ON RECOVERY.

Station 20A

PORT LATOUR NS (Page 2)

Pos. : 43.49, 65.43 Depth : 21.0 meters

Feb 3, 1982 15:00 GMT to Apr 4, 1982 15:00 GMT



Instrument : 61470

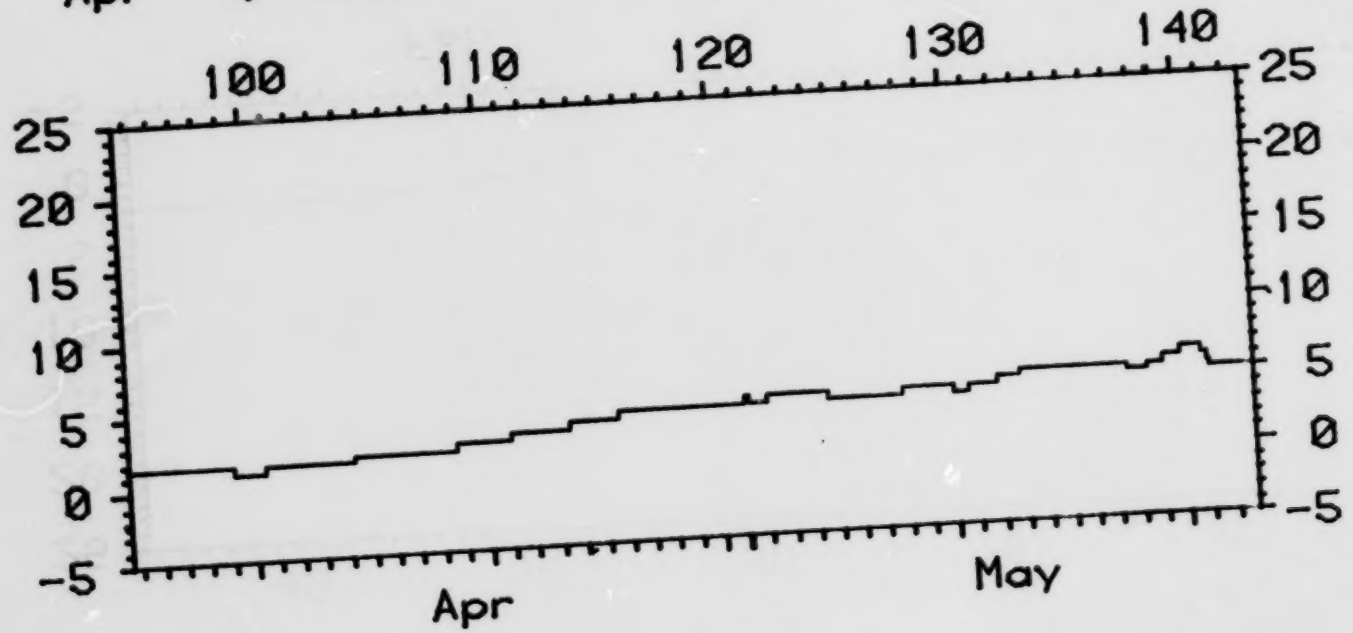
LEAKED SLIGHTLY ON RECOVERY.

Station 20A (continued)

PORT LATOUR NS

Pos. : 43.49, 65.43 Depth : 21.0 meters

Apr 4, 1982 15:00 GMT to May 22, 1982 19:00 GMT



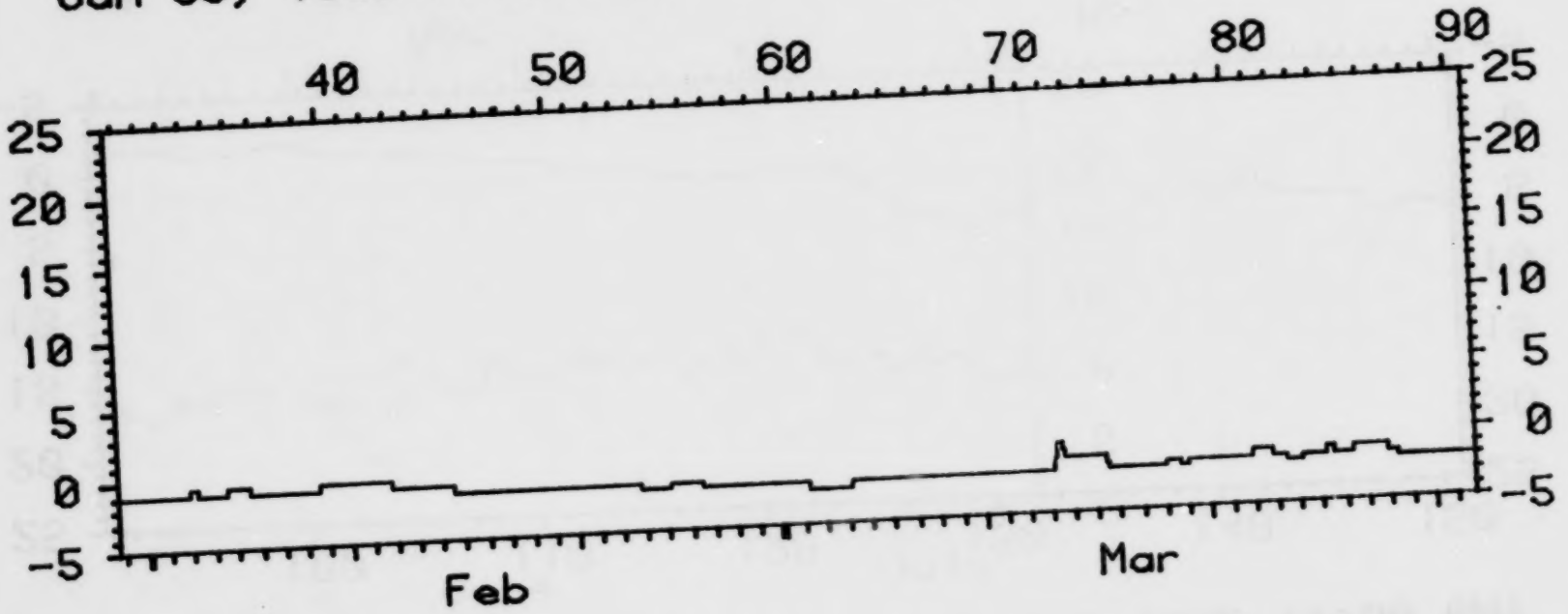
Instrument : 61470

LEAKED SLIGHTLY ON RECOVERY.

INGOMAR NS

Pos. : 43.53, 65.31 Depth : 40.0 meters

Jan 30, 1982 17:00 GMT to Mar 31, 1982 17:00 GMT



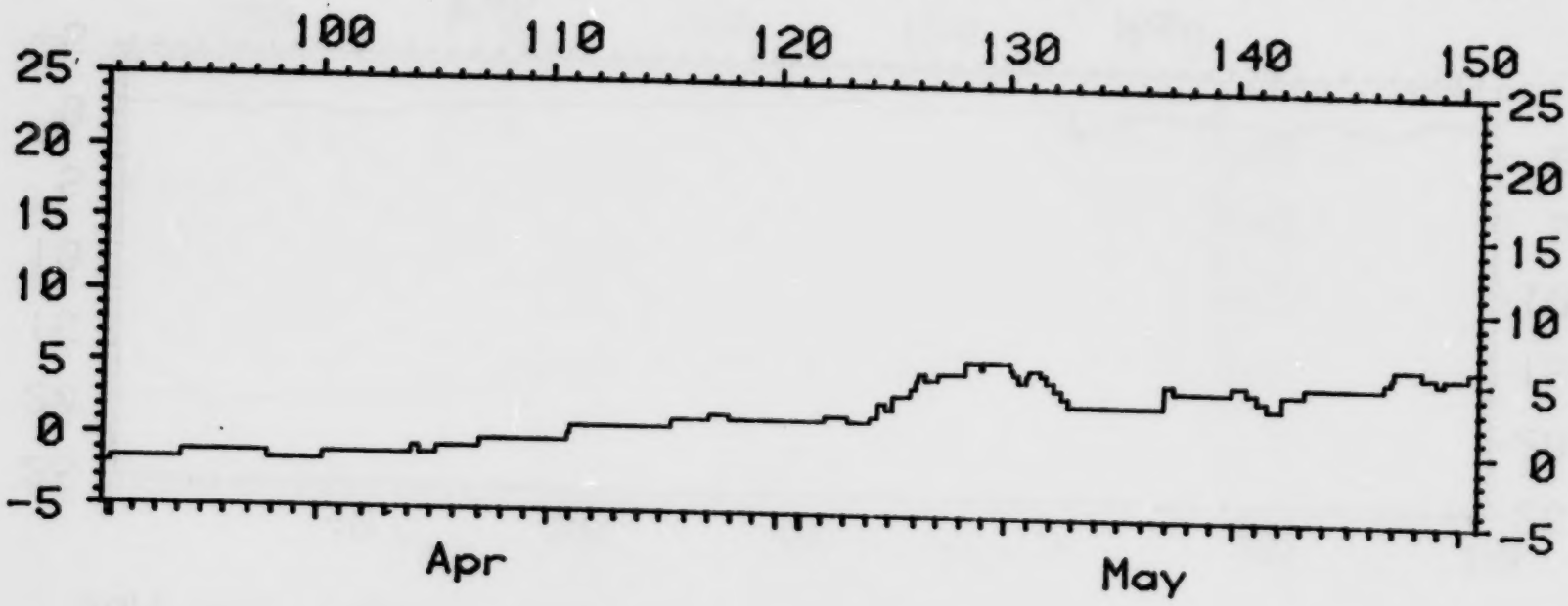
Instrument : 61624

INGOMAR NS

(Page 2)

Pos. : 43.53, 65.31 Depth : 40.0 meters

Mar 31, 1982 17:00 GMT to May 30, 1982 17:00 GMT

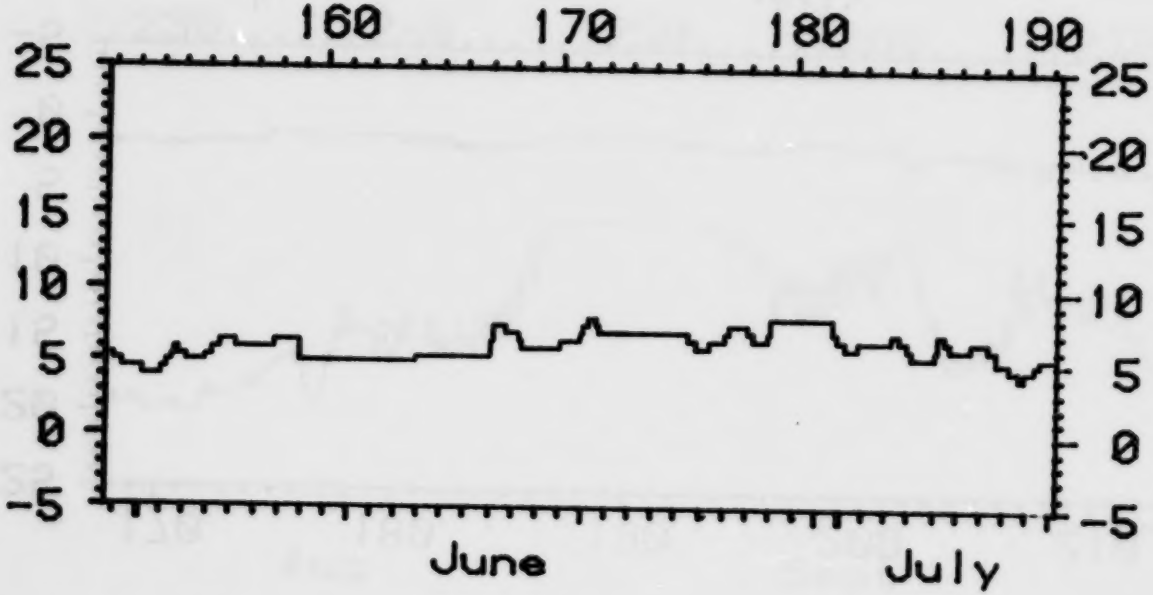


Instrument : 61624

INGOMAR NS

Pos. : 43.53, 65.31 Depth : 40.0 meters

May 30, 1982 17:00 GMT to July 10, 1982 09:00 GMT

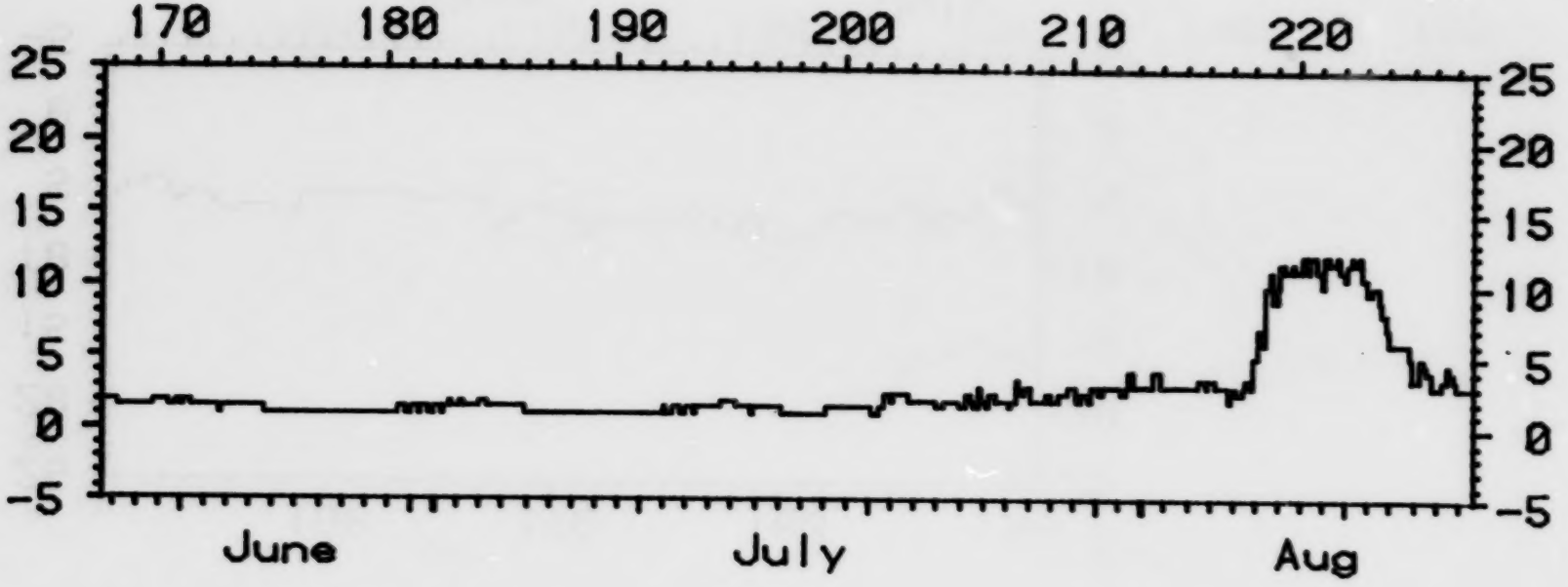


Instrument : 61624

MOUTH OF ST MARGARET'S BAY NS (Page 1)

Pos. : 44.50, 63.96 Depth : 20.0 meters

June 16, 1981 15:00 GMT to Aug 15, 1981 15:00 GMT



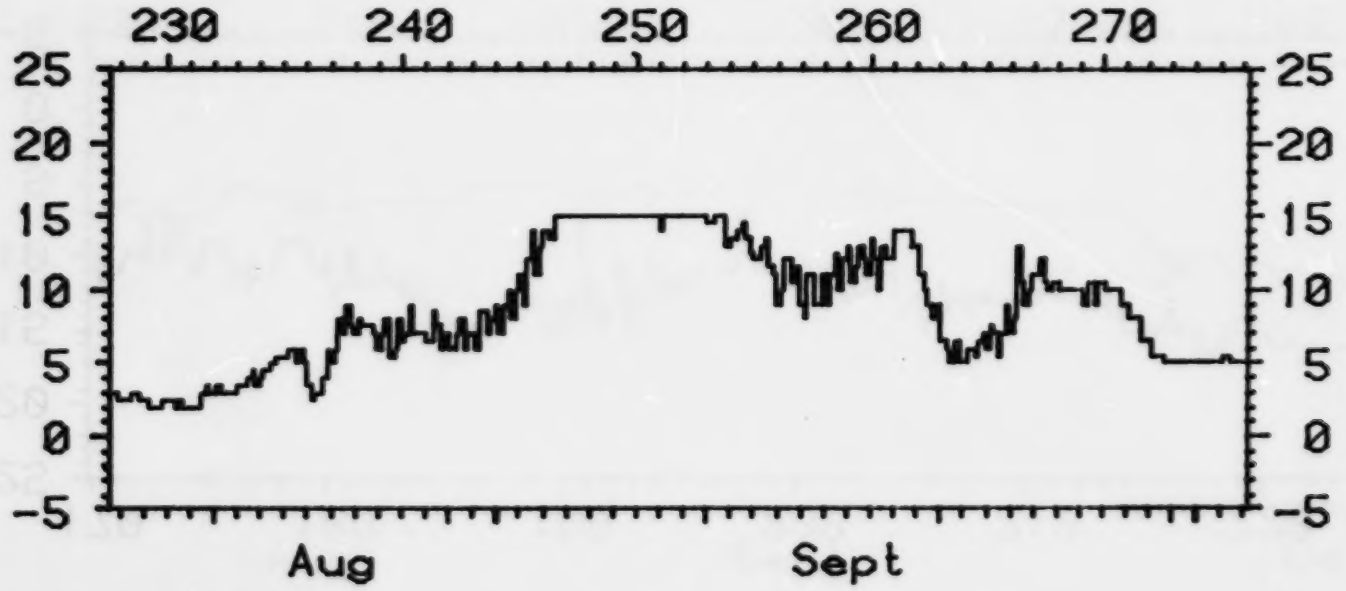
Instrument : 61523

Station 25A

MOUTH OF ST MARGARET'S BAY NS (Page 2)

Pos. : 44.50, 63.96 Depth : 20.0 meters

Aug 15, 1981 15:00 GMT to Oct 3, 1981 07:00 GMT

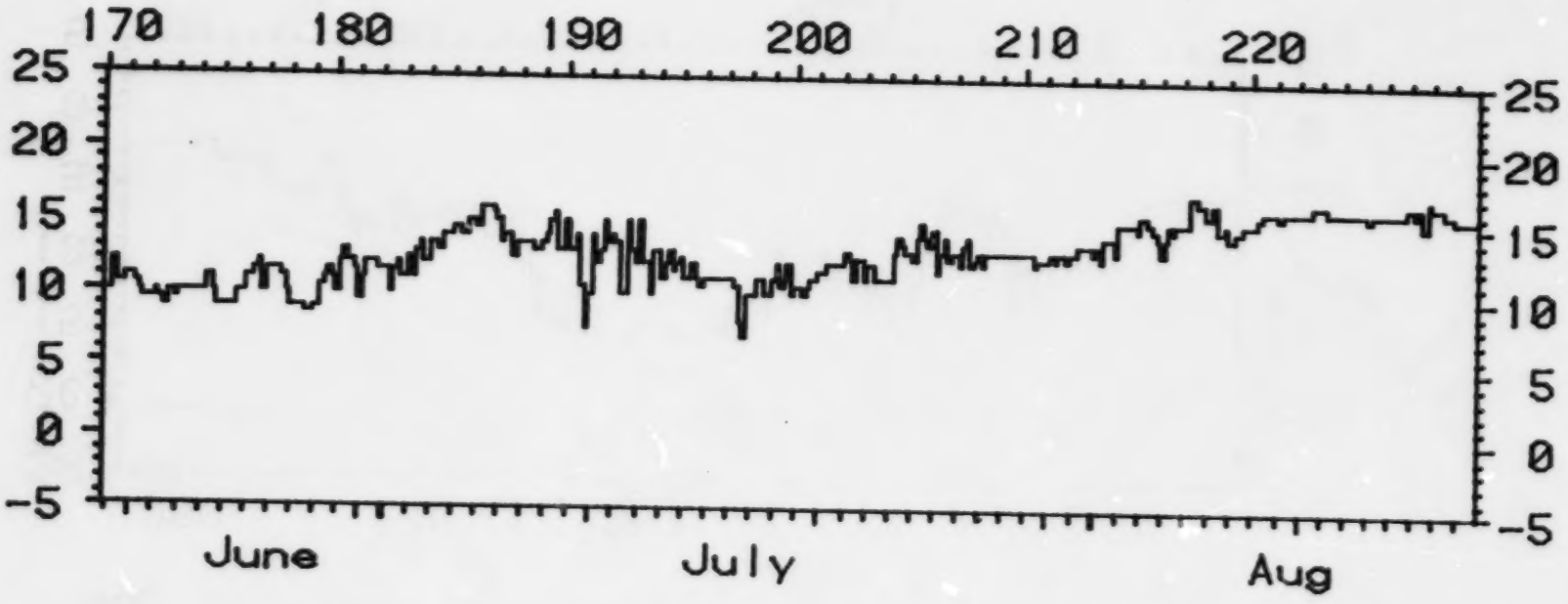


Instrument : 61523

ST MARGARET'S BAY NS (Page 1)

Pos. : 44.51, 63.92 Depth : 1.0 meters

June 18, 1981 21:30 GMT to Aug 17, 1981 21:30 GMT



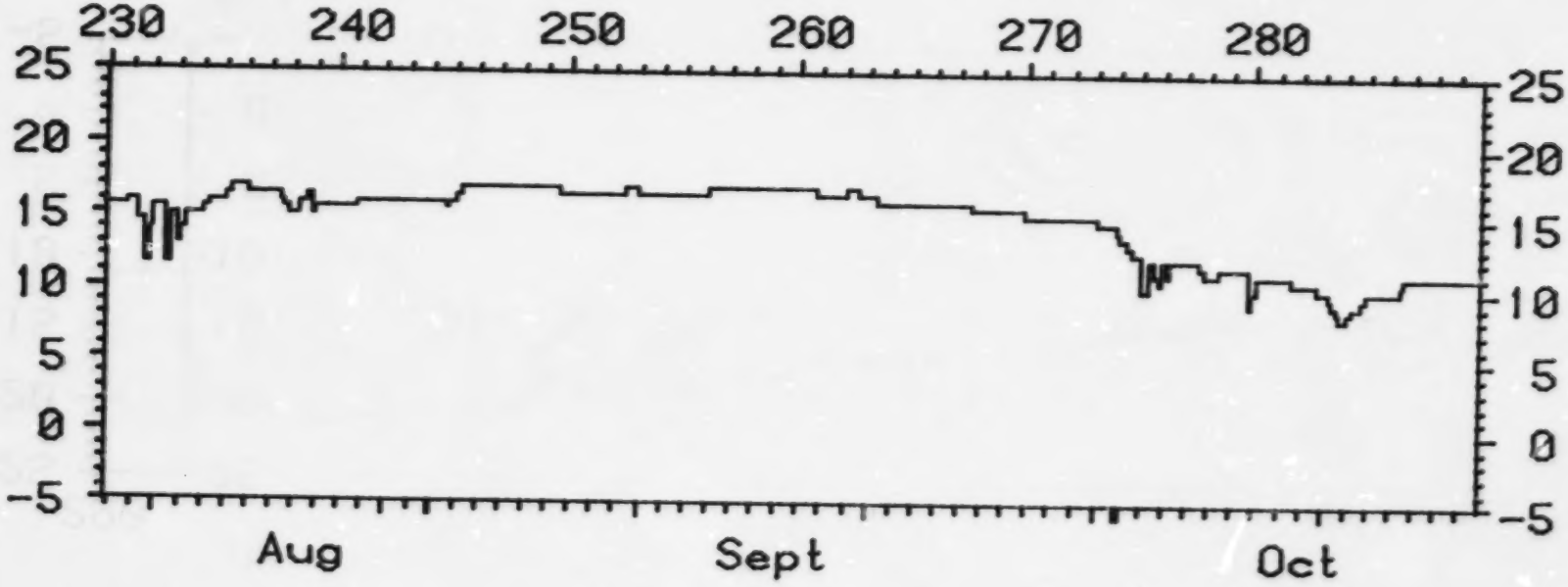
Instrument : 61540

Station 25B

ST MARGARET'S BAY NS (Page 2)

Pos. : 44.51, 63.92 Depth : 1.0 meters

Aug 17, 1981 21:30 GMT to Oct 16, 1981 21:30 GMT



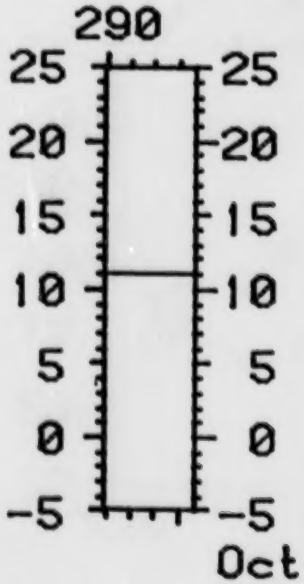
Instrument : 61540

Station 258 (continued)

ST MARGARET'S BAY NS (Page 3)

Pos. : 44.51, 63.92 Depth : 1.0 meters

Oct 16, 1981 21:30 GMT to Oct 20, 1981 17:30 GMT

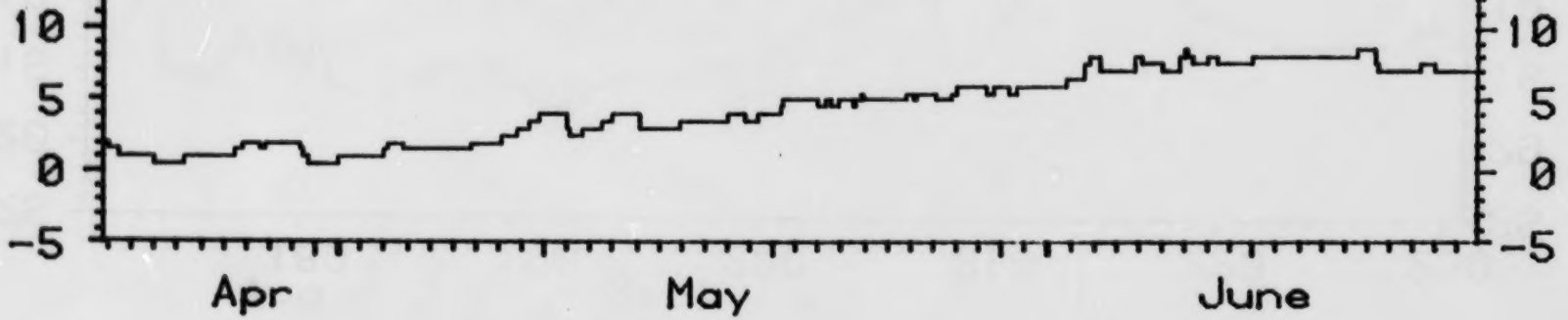


Instrument : 61540

EAST DOVER NS (Page 1)

Pos. : 44.50, 63.83 Depth : 7.0 meters

Apr 20, 1982 19:00 GMT to June 19, 1982 19:00 GMT



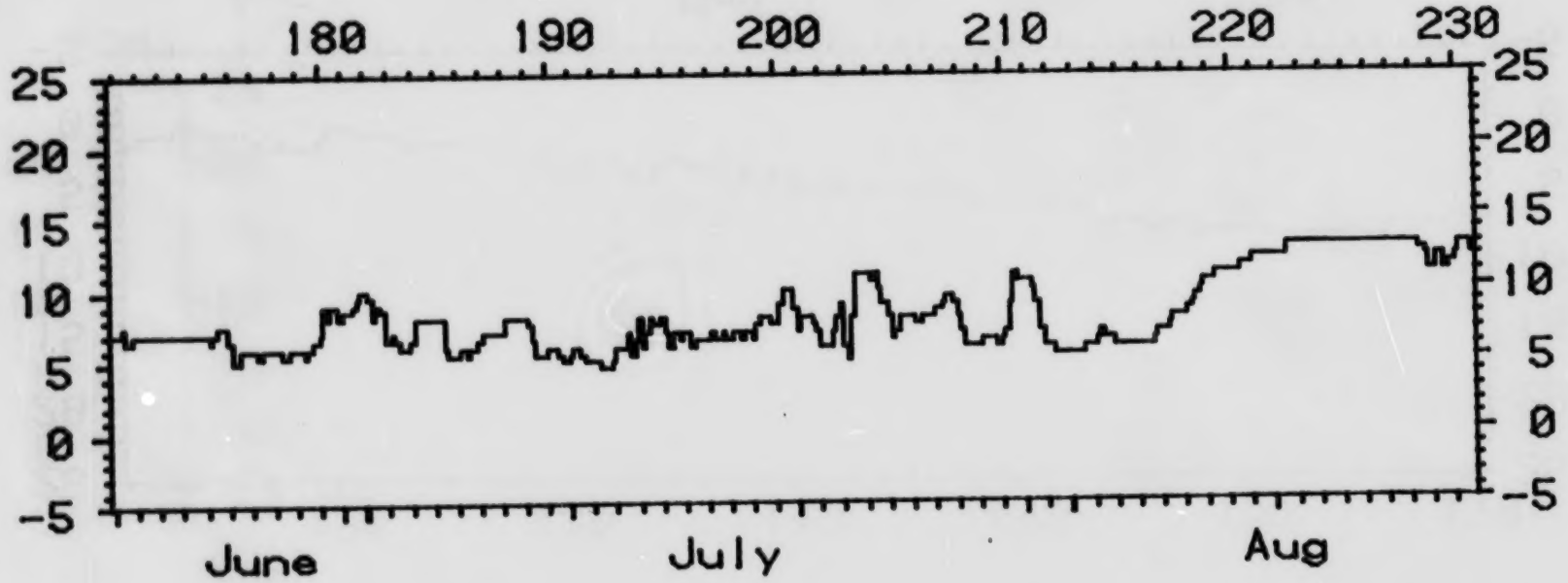
Instrument : 61664

Station 28

EAST DOVER NS (Page 2)

Pos. : 44.50, 63.83 Depth : 7.0 meters

June 19, 1982 19:00 GMT to Aug 18, 1982 19:00 GMT



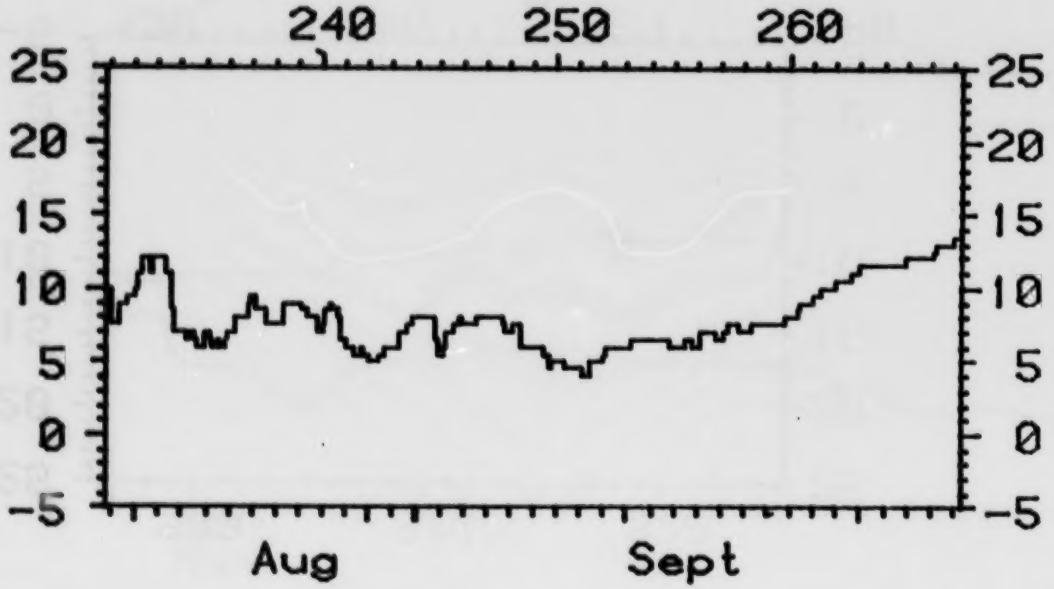
Instrument : 61664

Station 28 (continued)

EAST DOVER NS (Page 3)

Pos. : 44.50, 63.83 Depth : 7.0 meters

Aug 18, 1982 19:00 GMT to Sept 24, 1982 07:00 GMT

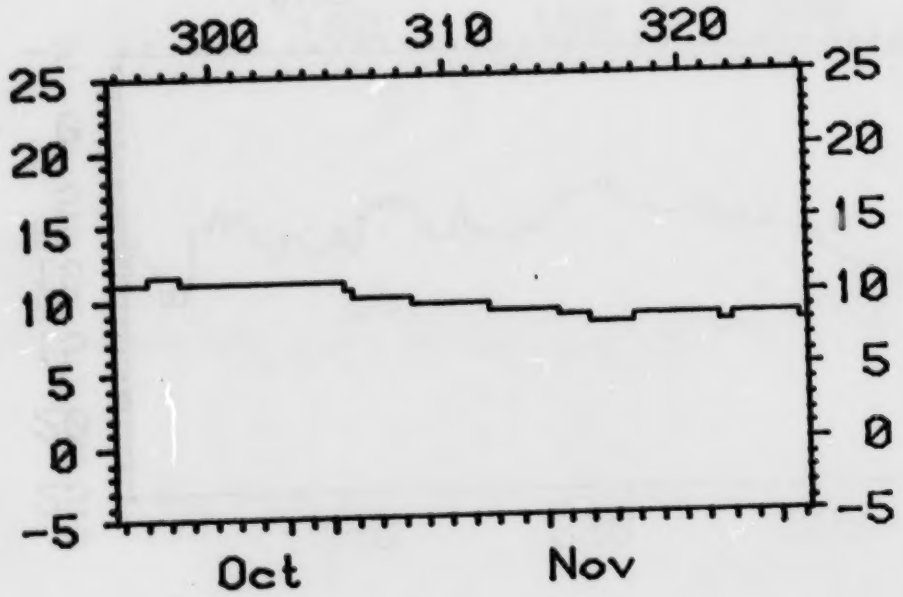


Instrument : 61664

COIL COVE NS

Pos. : 44.51, 63.84 Depth : 7.0 meters

Oct 22, 1981 17:15 GMT to Nov 21, 1981 05:15 GMT



Instrument : 61659

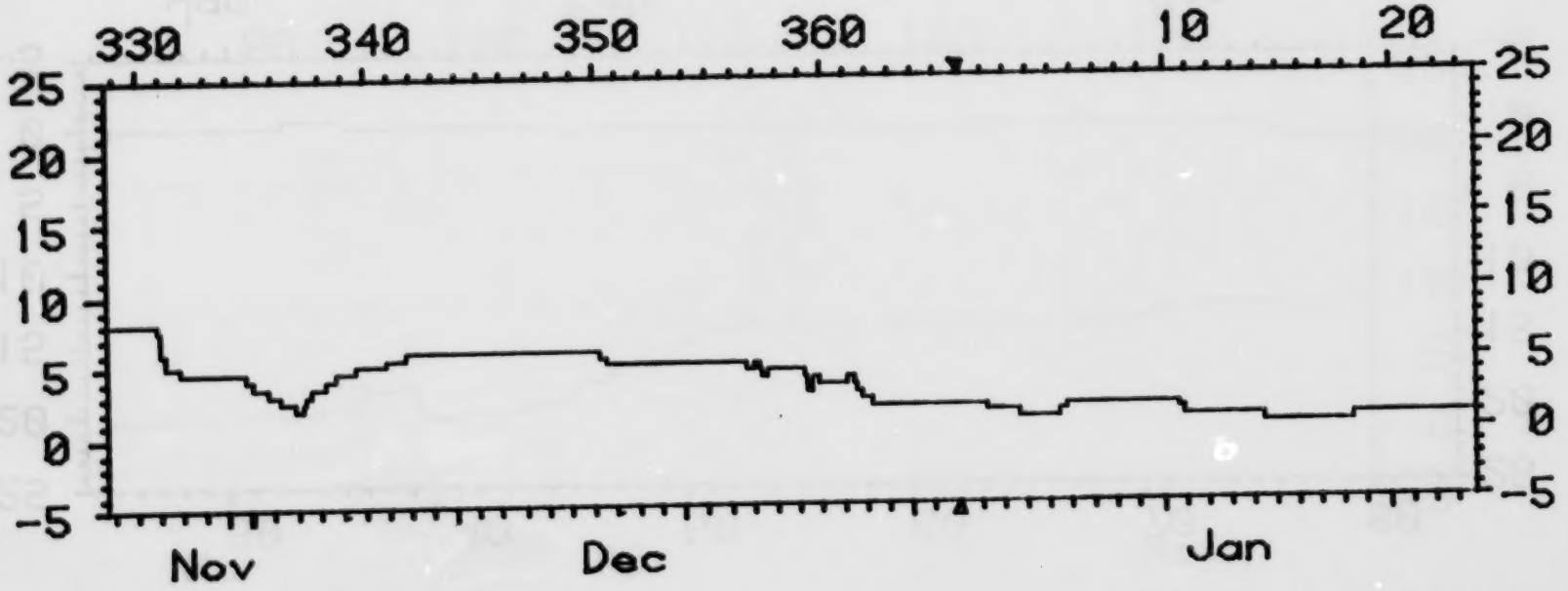
TIMING OFF SLIGHTLY.

Station 27

PLEASANT POINT POND NS (Page 1)

Pos. : 44.73, 63.06 Depth : 3.0 meters

Nov 24, 1981 17:30 GMT to Jan 23, 1982 17:30 GMT



Station 29A

116

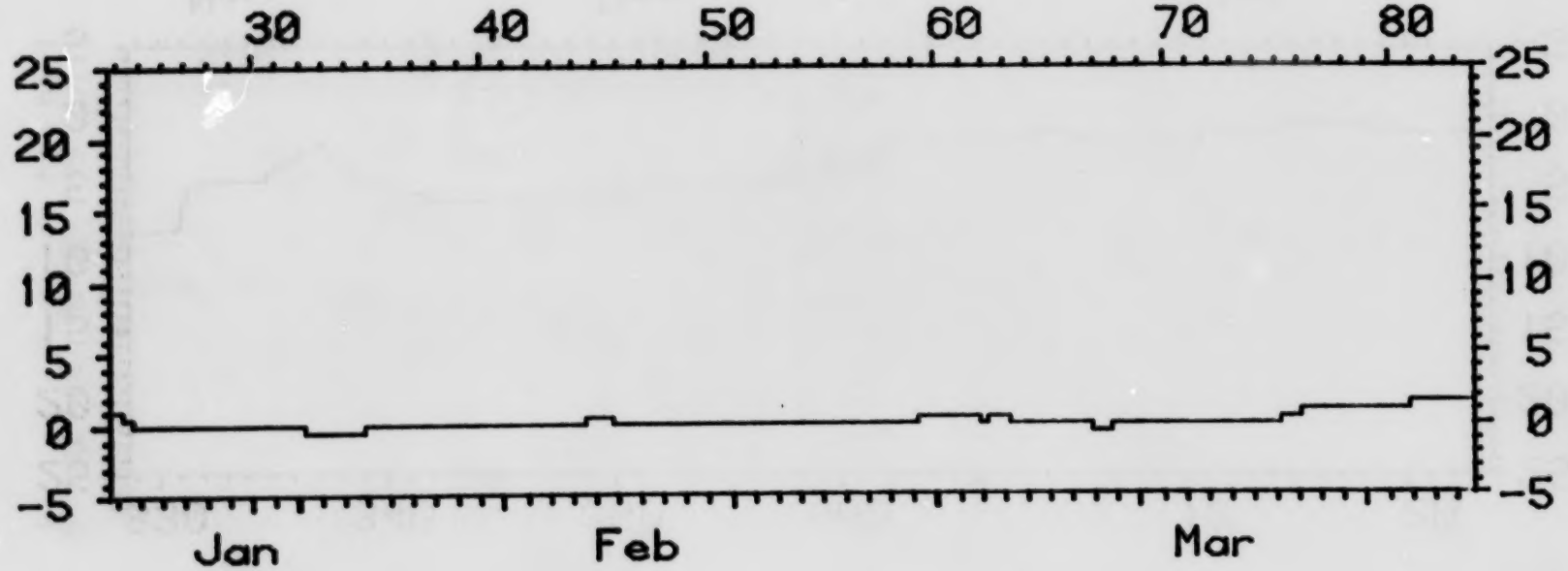
Instrument : 61630

RAN OUT OF PAPER MAY 19 (178 DAYS).

PLEASANT POINT POND NS (Page 2)

Pos. : 44.73, 63.06 Depth : 3.0 meters

Jan 23, 1982 17:30 GMT to Mar 24, 1982 17:30 GMT



Instrument : 61630

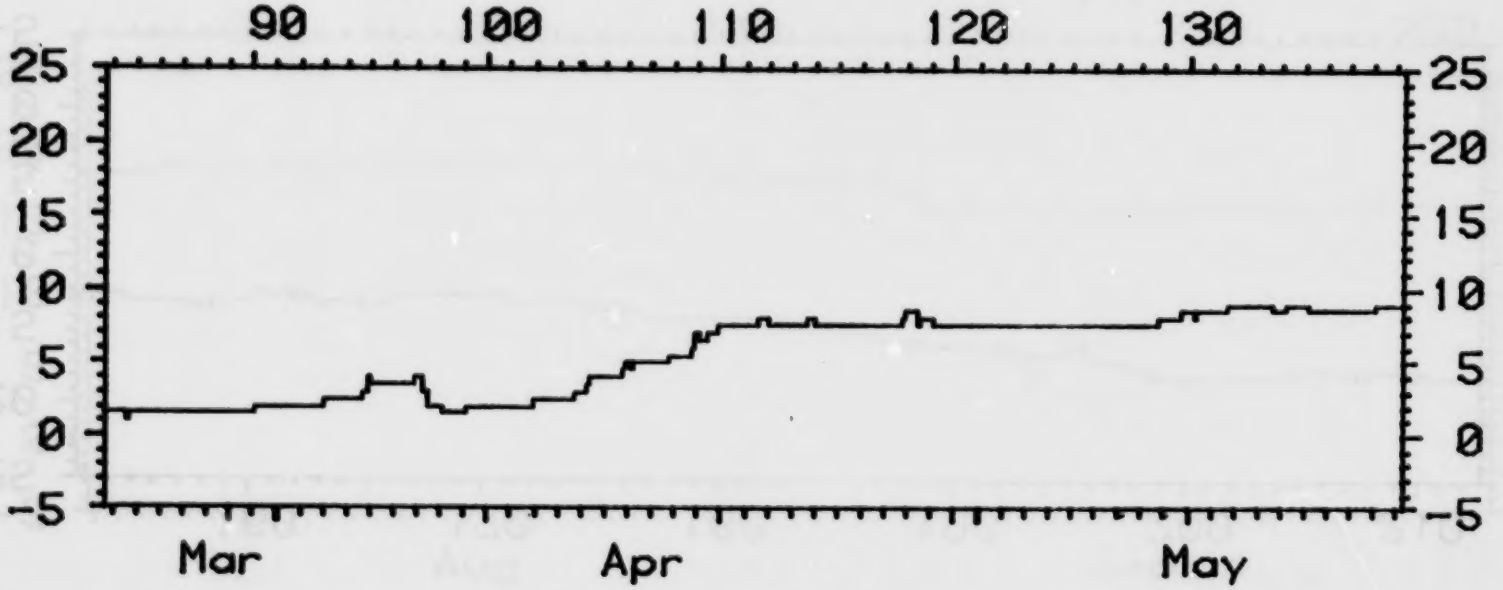
RAN OUT OF PAPER MAY 19 (178 DAYS).

Station 29A (continued)

PLEASANT POINT POND NS (Page 3)

Pos. : 44.73, 63.06 Depth : 3.0 meters

Mar 24, 1982 17:30 GMT to May 19, 1982 05:30 GMT



Instrument : 61630

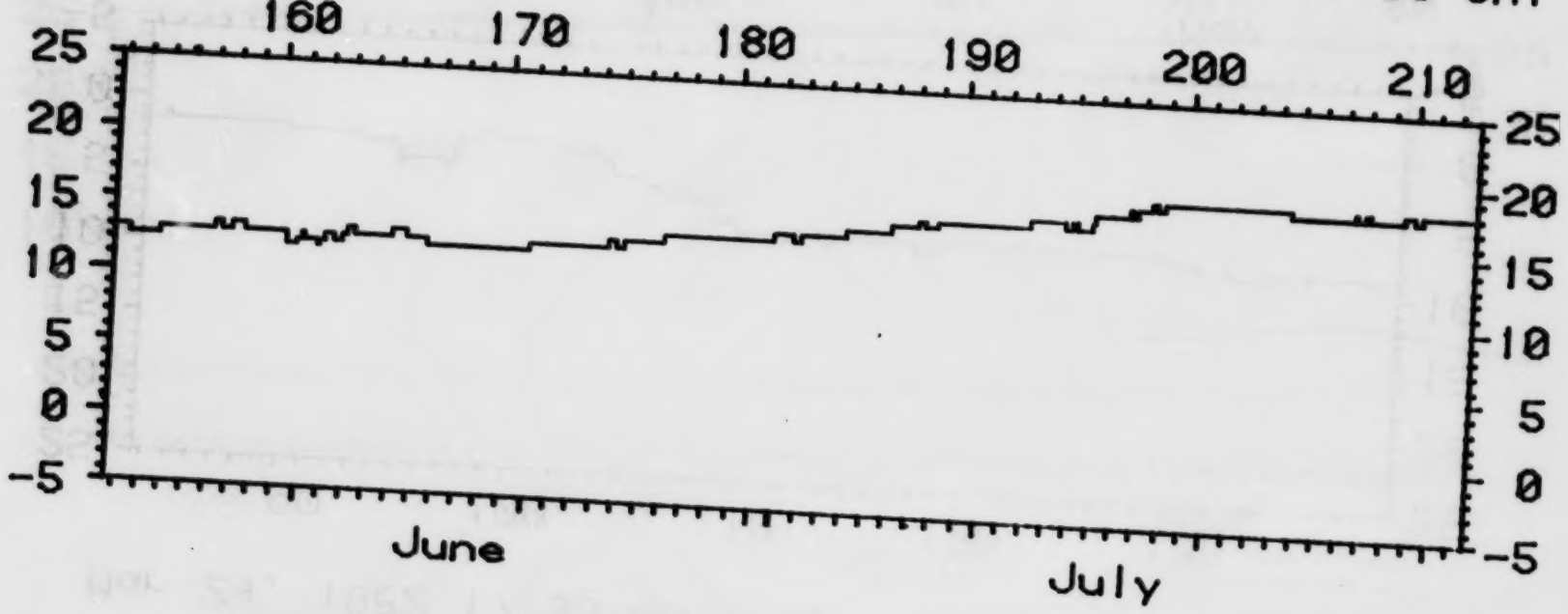
RAN OUT OF PAPER MAY 19 (178 DAYS).

Station 29A (cont inued)

PLEASANT POINT POND NS

Pos. : 44.73, 63.06 Depth : 3.0 meters

June 1, 1982 17:30 GMT to July 31, 1982 17:30 GMT



Instrument : 62462

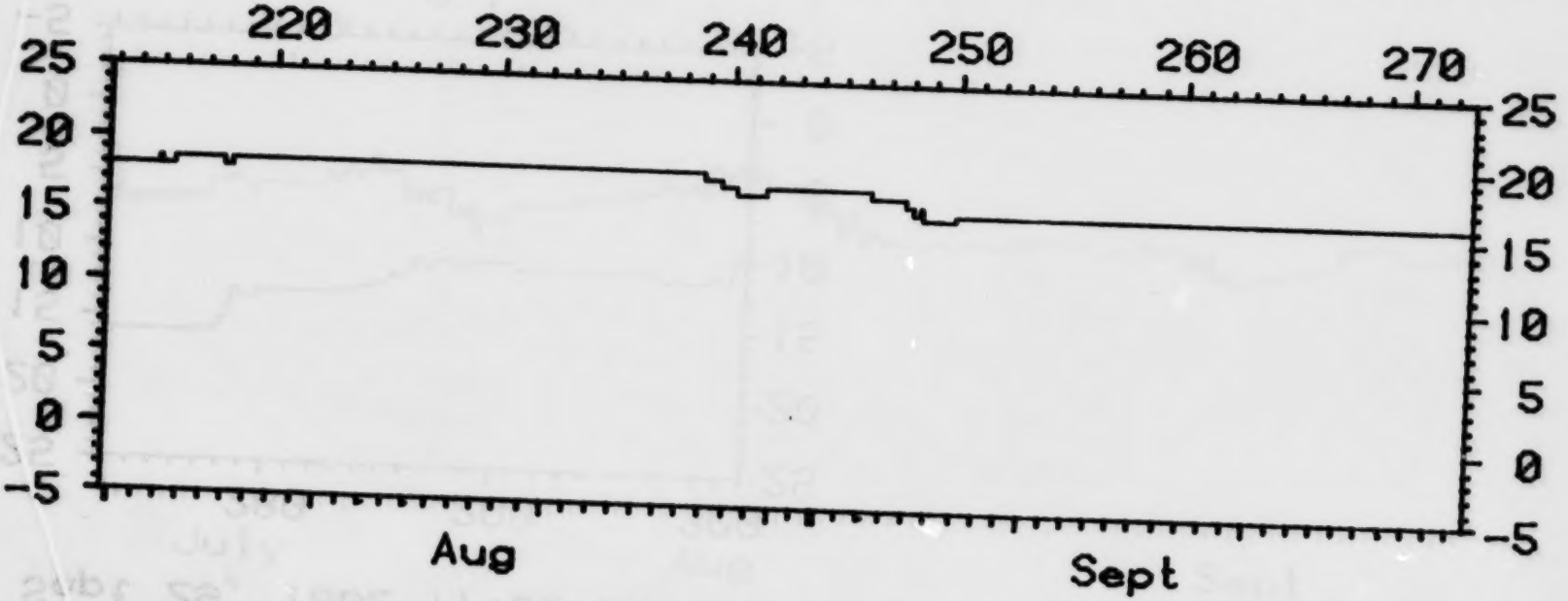
Station 298

PLEASANT POINT POND NS

(Page 2)

Pos. : 44.73, 63.06 Depth : 3.0 meters

July 31, 1982 17:30 GMT to Sept 29, 1982 17:30 GMT



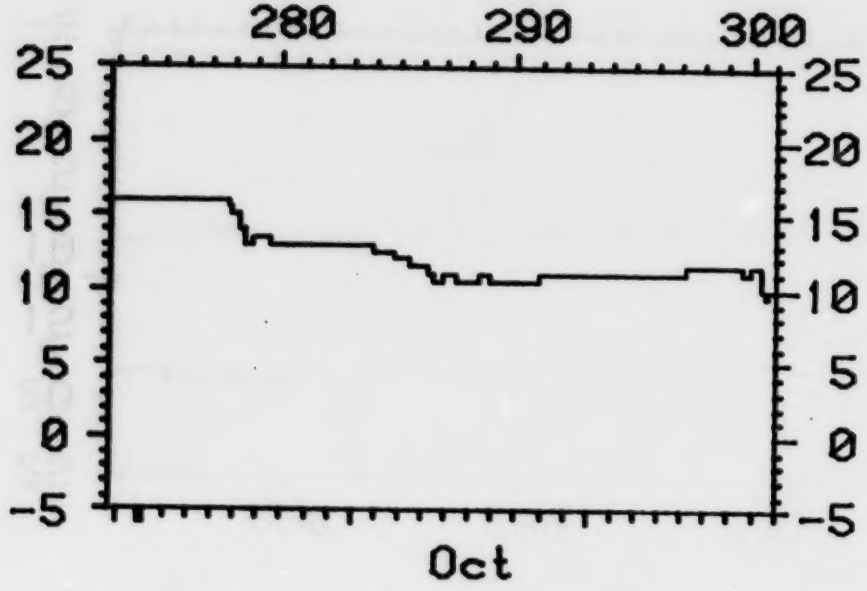
Instrument : 62462

Station 29B (continued)

PLEASANT POINT POND NS (Page 3)

Pos. : 44.73, 63.06 Depth : 3.0 meters

Sept 29, 1982 17:30 GMT to Oct 28, 1982 01:30 GMT

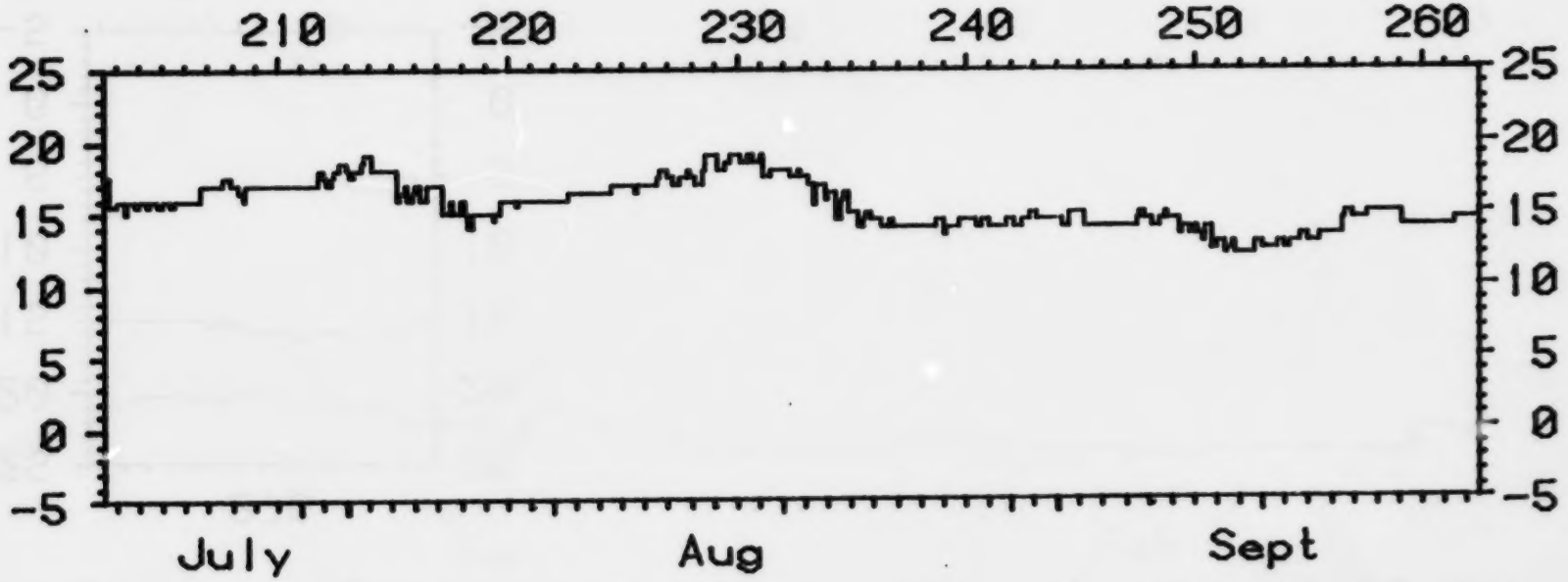


Instrument : 62462

NAVY POOL JEDDORE NS (Page 1)

Pos. : 44.71, 63.01 Depth : 4.0 meters

July 21, 1982 11:30 GMT to Sept 19, 1982 11:30 GMT



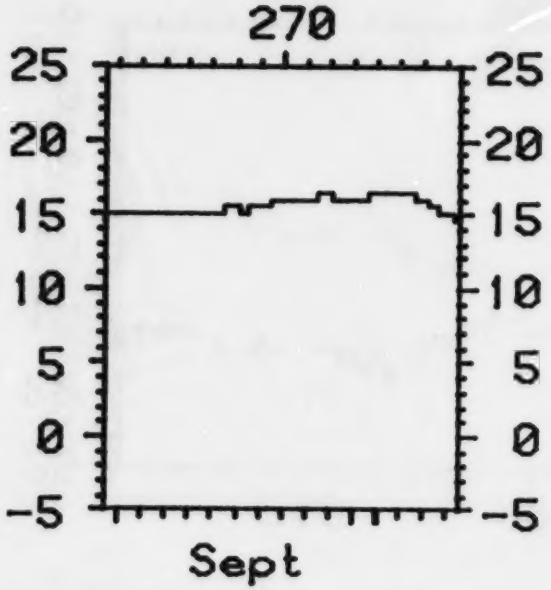
Instrument : 62453

Station 30A

NAVY POOL JEDDORE NS (Page 2)

Pos. : 44.71, 63.01 Depth : 4.0 meters

Sept 19, 1982 11:30 GMT to Oct 4, 1982 11:30 GMT

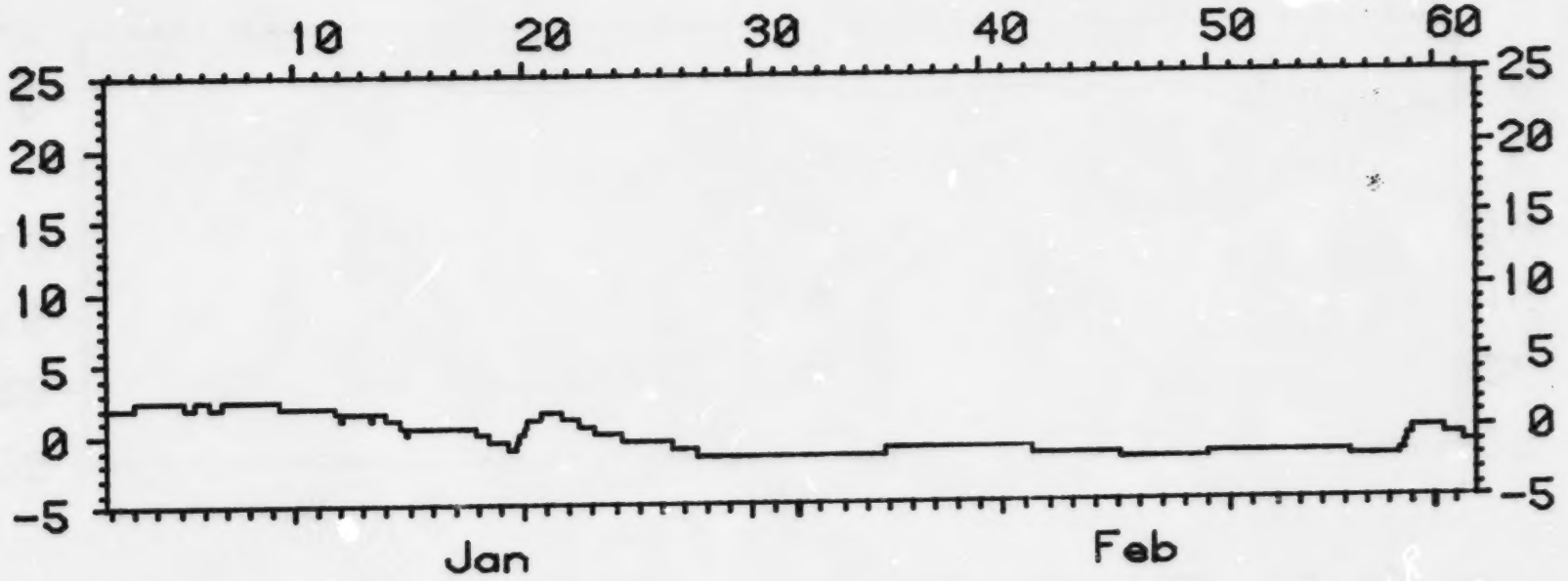


Instrument : 62453

BEAVER HARBOUR NS (Page 1)

Pos. : 44.87, 62.40 Depth : 6.0 meters

Jan 1, 1982 18:45 GMT to Mar 2, 1982 18:45 GMT



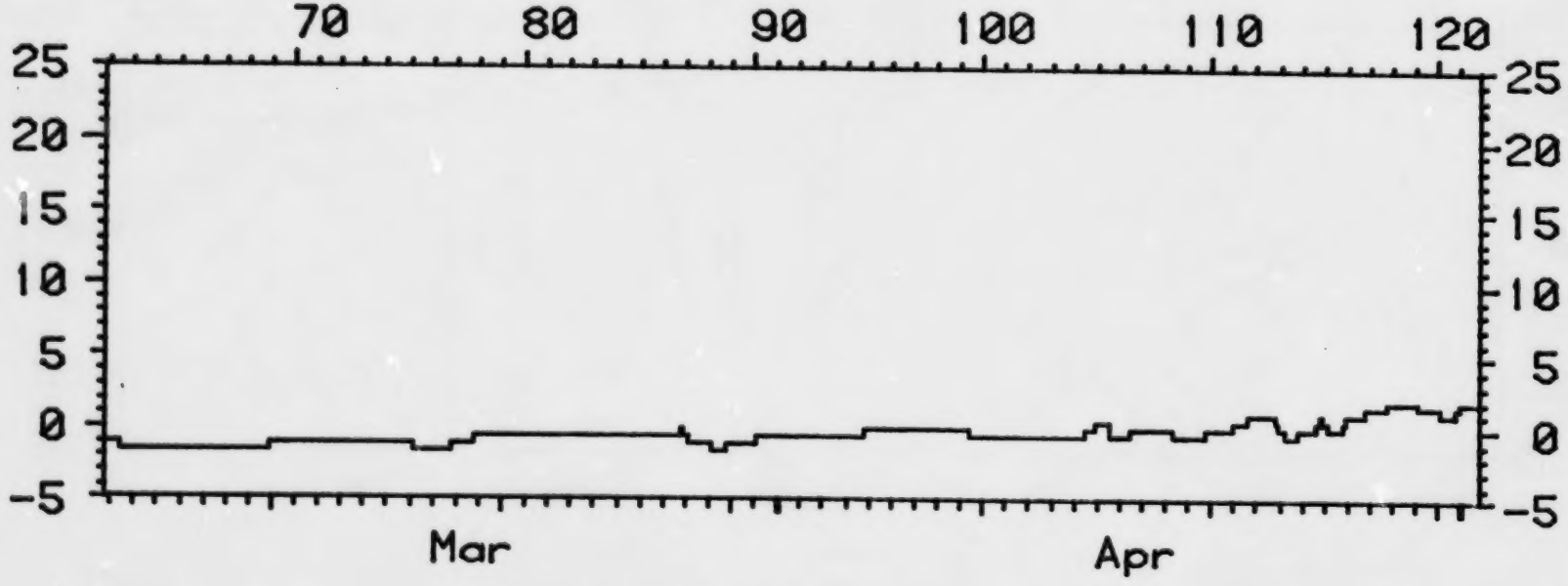
Instrument : 61656

Station 32A

BEAVER HARBOUR NS (Page 2)

Pos. : 44.87, 62.40 Depth : 6.0 meters

Mar 2, 1982 18:45 GMT to May 1, 1982 18:45 GMT



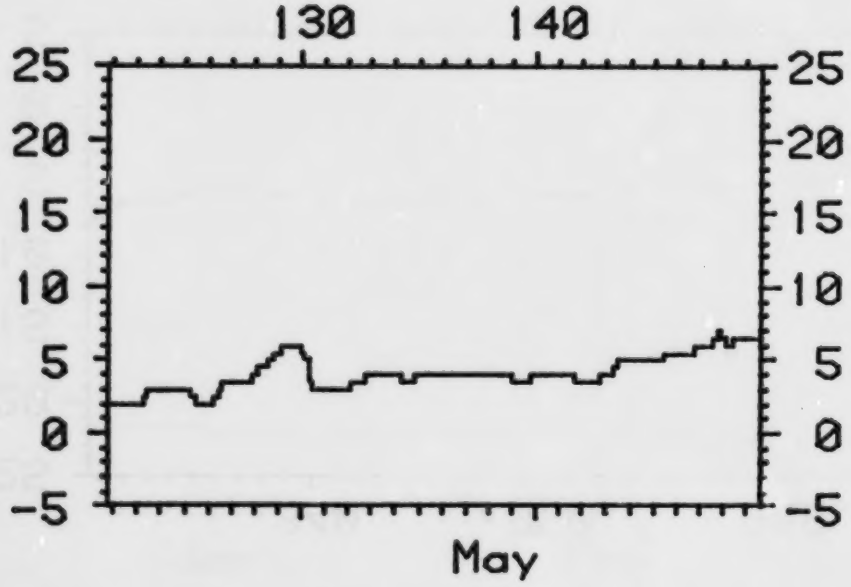
Instrument : 61656

Station 32A (continued)

BEAVER HARBOUR NS (Page 3)

Pos. : 44.87, 62.40 Depth : 6.0 meters

May 1, 1982 18:45 GMT to May 29, 1982 14:45 GMT



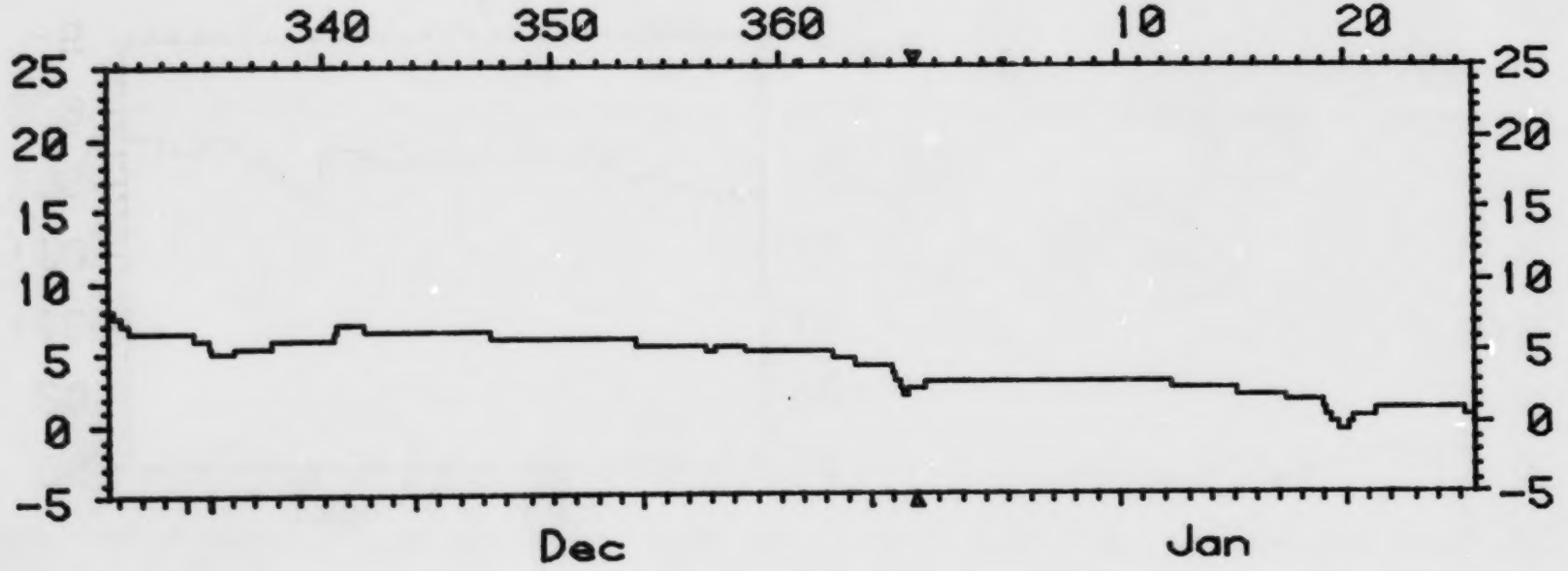
Instrument : 61656

Station 32A (continued)

SPANISH SHIP BAY NS (Page 1)

Pos. : 45.02, 62.02 Depth : 4.0 meters

Nov 26, 1981 15:00 GMT to Jan 25, 1982 15:00 GMT



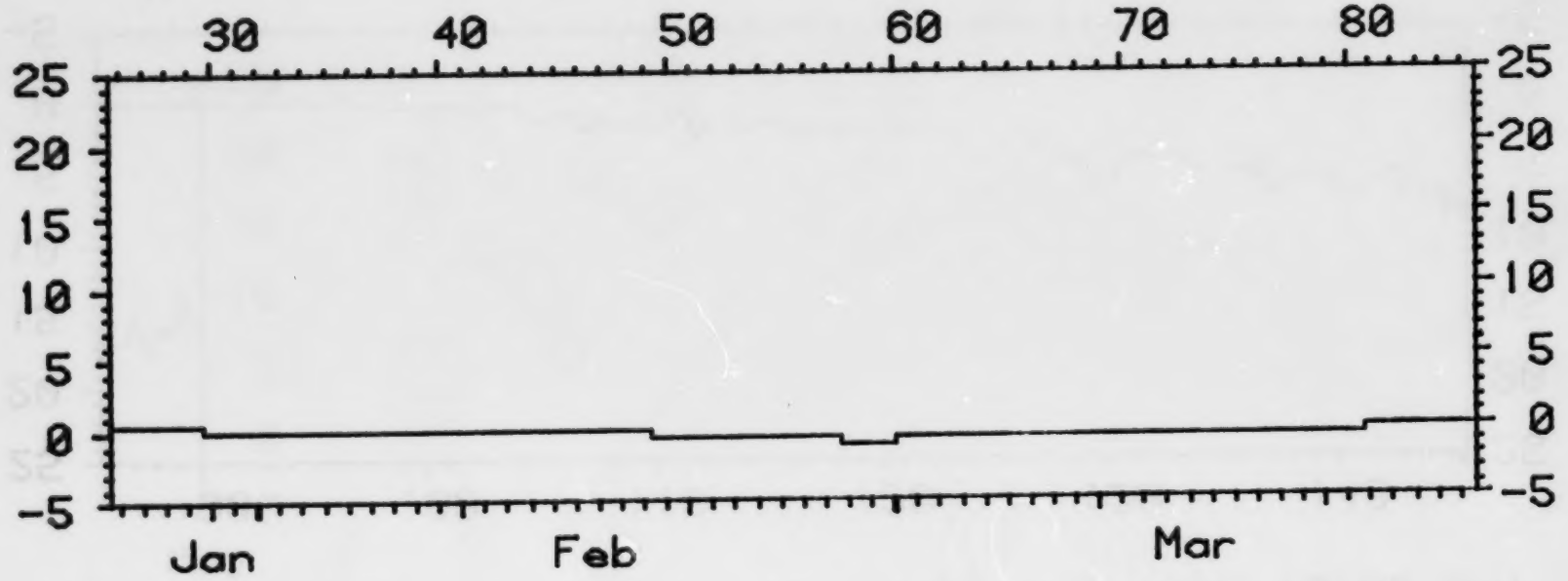
Instrument : 60931

Station 33A

SPANISH SHIP BAY NS (Page 2)

Pos. : 45.02, 62.02 Depth : 4.0 meters

Jan 25, 1982 15:00 GMT to Mar 26, 1982 15:00 GMT

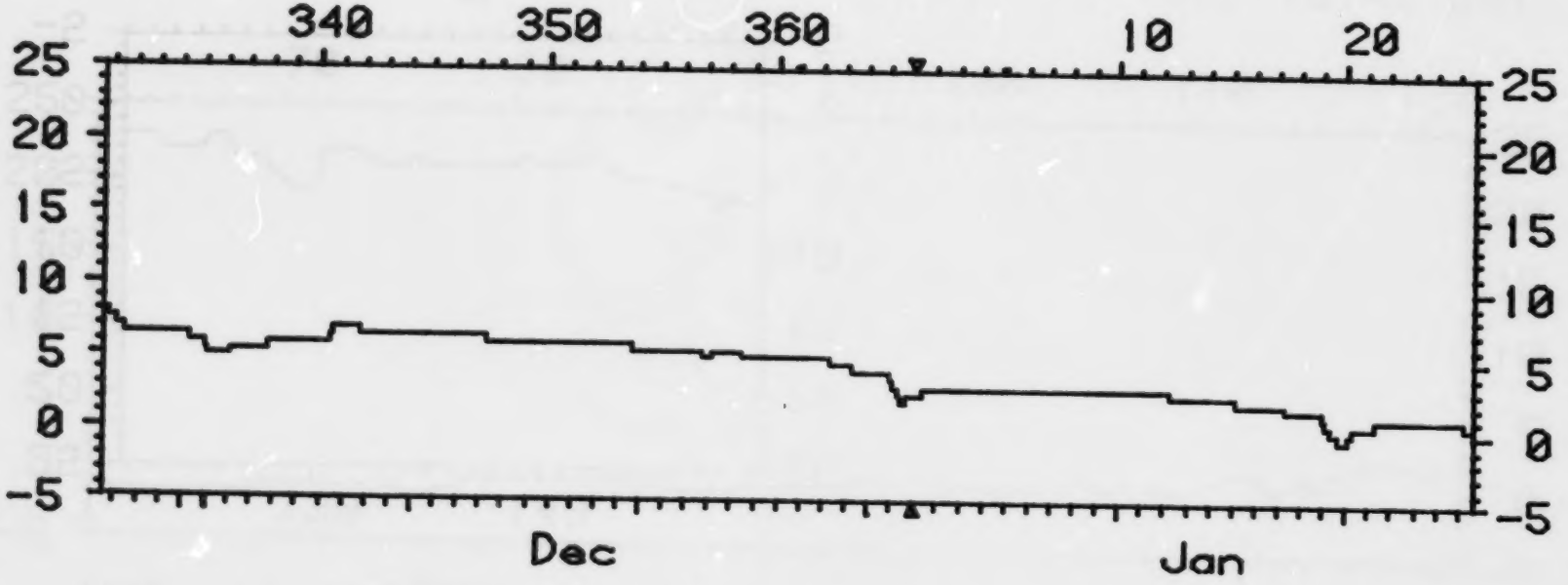


Instrument : 60931

SPANISH SHIP BAY NS (Page 1)

Pos. : 45.02, 62.02 Depth : 4.0 meters

Nov 26, 1981 15:00 GMT to Jan 25, 1982 15:00 GMT



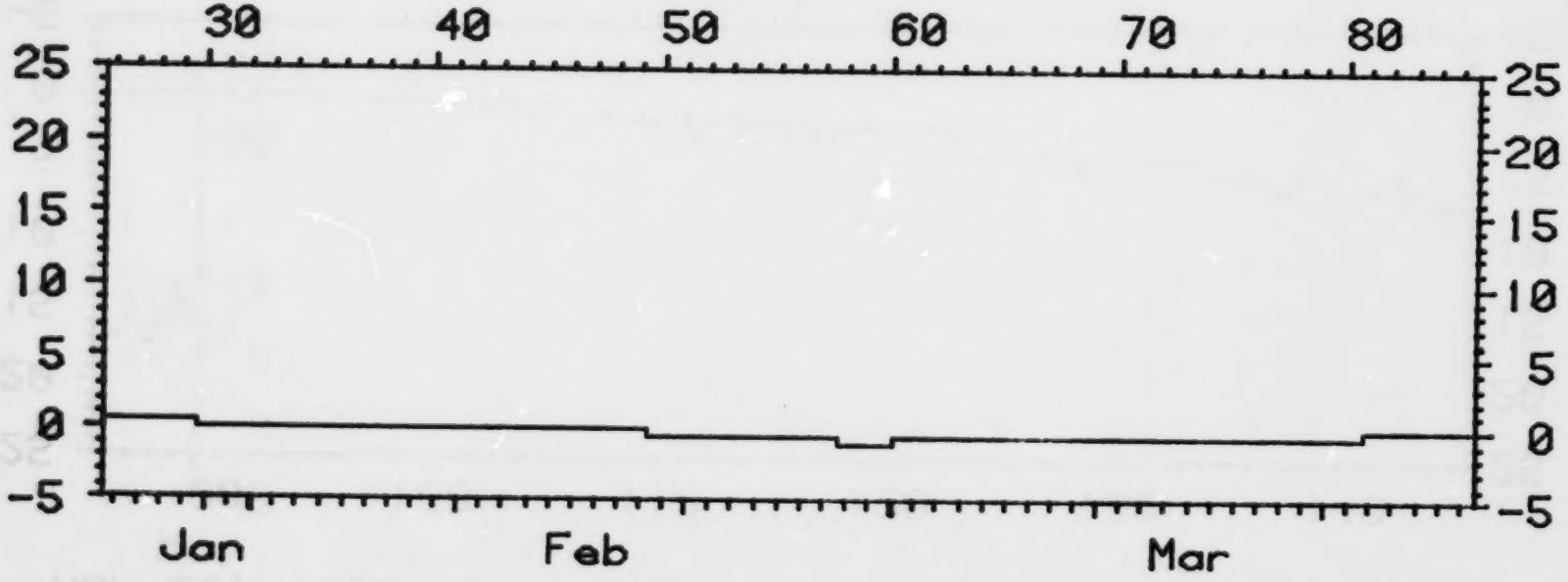
Instrument : 60931

Station 33A

SPANISH SHIP BAY NS (Page 2)

Pos. : 45.02, 62.02 Depth : 4.0 meters

Jan 25, 1982 15:00 GMT to Mar 26, 1982 15:00 GMT

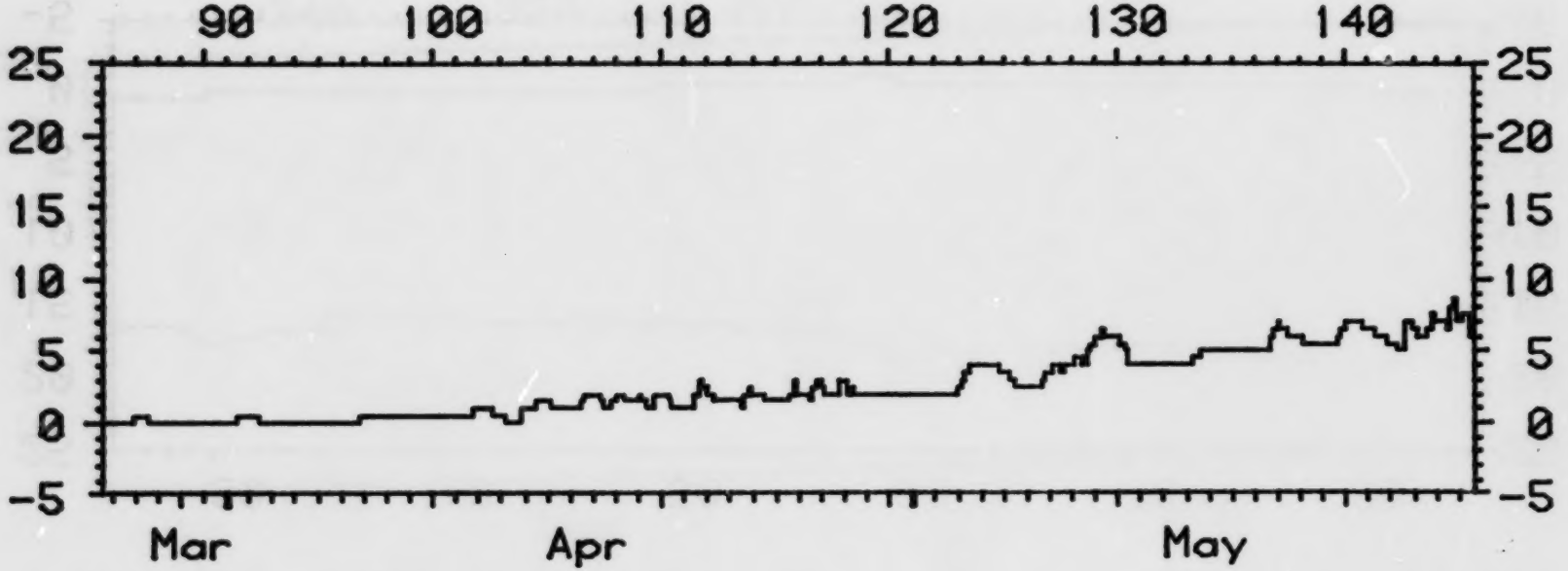


Instrument : 60931

SPANISH SHIP BAY NS (Page 3)

Pos. : 45.02, 62.02 Depth : 4.0 meters

Mar 26, 1982 15:00 GMT to May 25, 1982 15:00 GMT



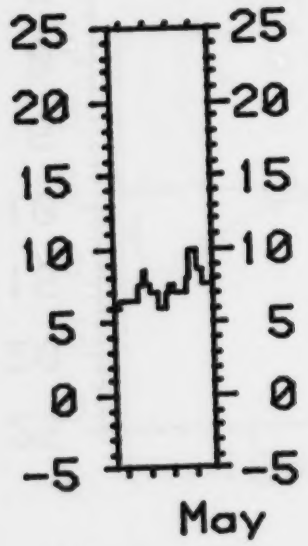
Instrument : 60931

Station 33A (continued)

SPANISH SHIP BAY NS

Pos. : 45.02, 62.02 Depth : 4.0 meters

May 25, 1982 15:00 GMT to May 29, 1982 19:00 GMT

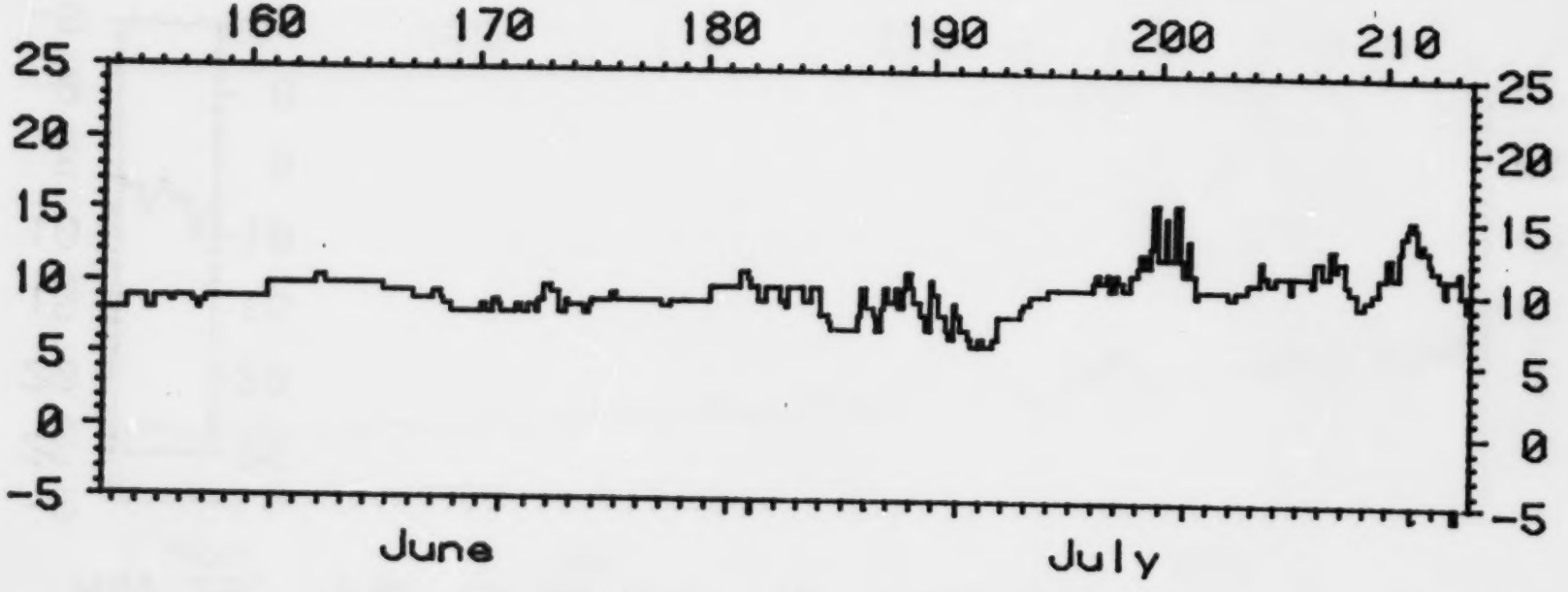


Instrument : 60931

SPANISH SHIP BAY NS (Page 1)

Pos. : 45.02, 62.02 Depth : 3.0 meters

June 2, 1982 15:00 GMT to Aug 1, 1982 15:00 GMT



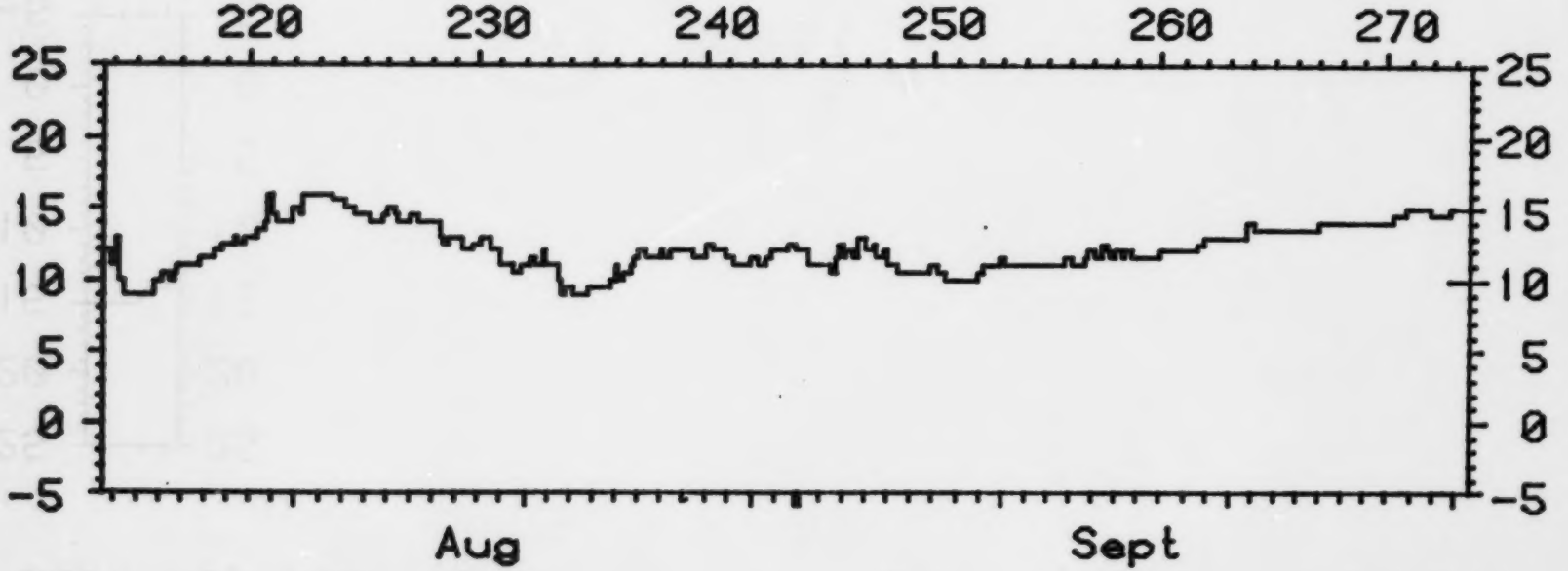
Instrument : 62458

Station 33B

SPANISH SHIP BAY NS (Page 2)

Pos. : 45.02, 62.02 Depth : 3.0 meters

Aug 1, 1982 15:00 GMT to Sept 30, 1982 15:00 GMT



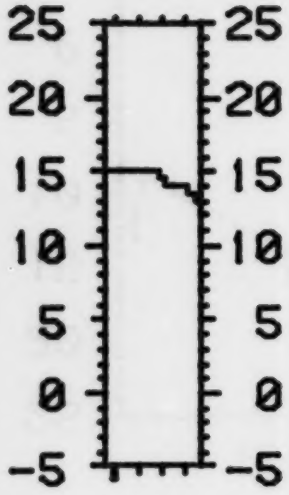
Instrument : 62458

Station 338 (continued)

SPANISH SHIP BAY NS (Page 3)

Pos. : 45.02, 62.02 Depth : 3.0 meters

Sept 30, 1982 15:00 GMT to Oct 4, 1982 15:00 GMT



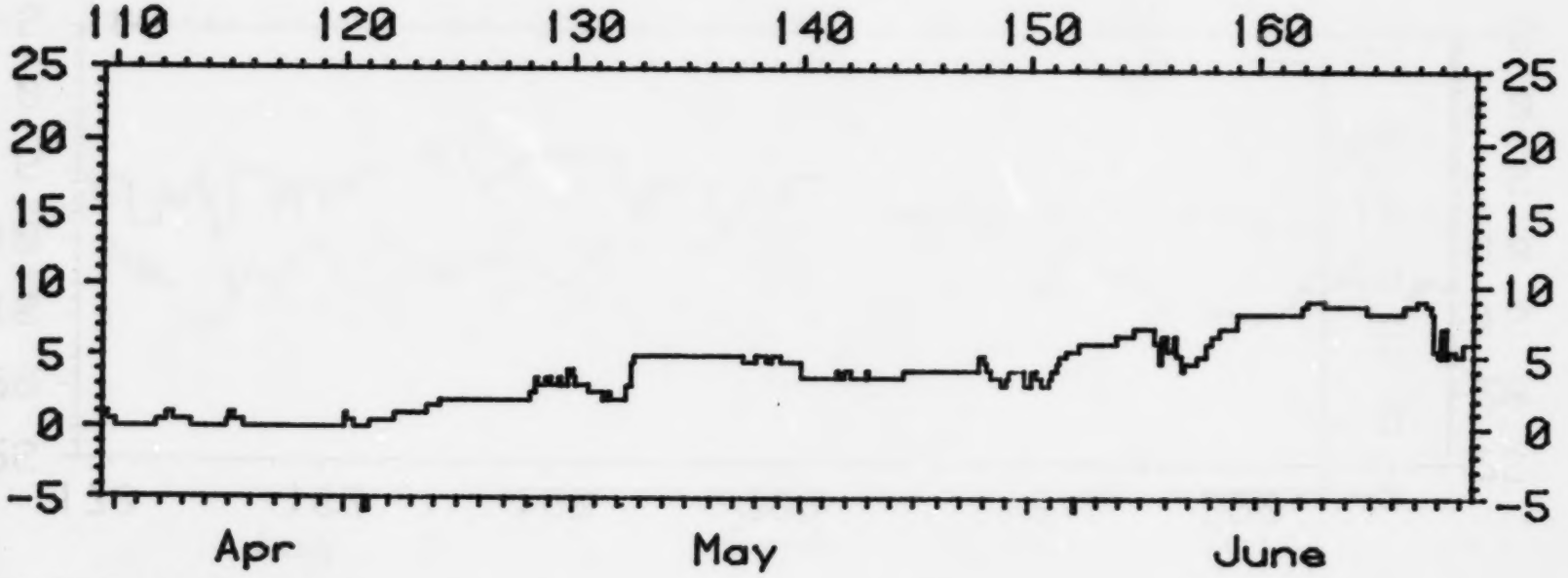
Instrument : 62458

Station 33B (continued)

DORTS COVE NS (Page 1)

Pos. : 45.36, 61.28 Depth : 19.0 meters

Apr 19, 1982 12:00 GMT to June 18, 1982 12:00 GMT

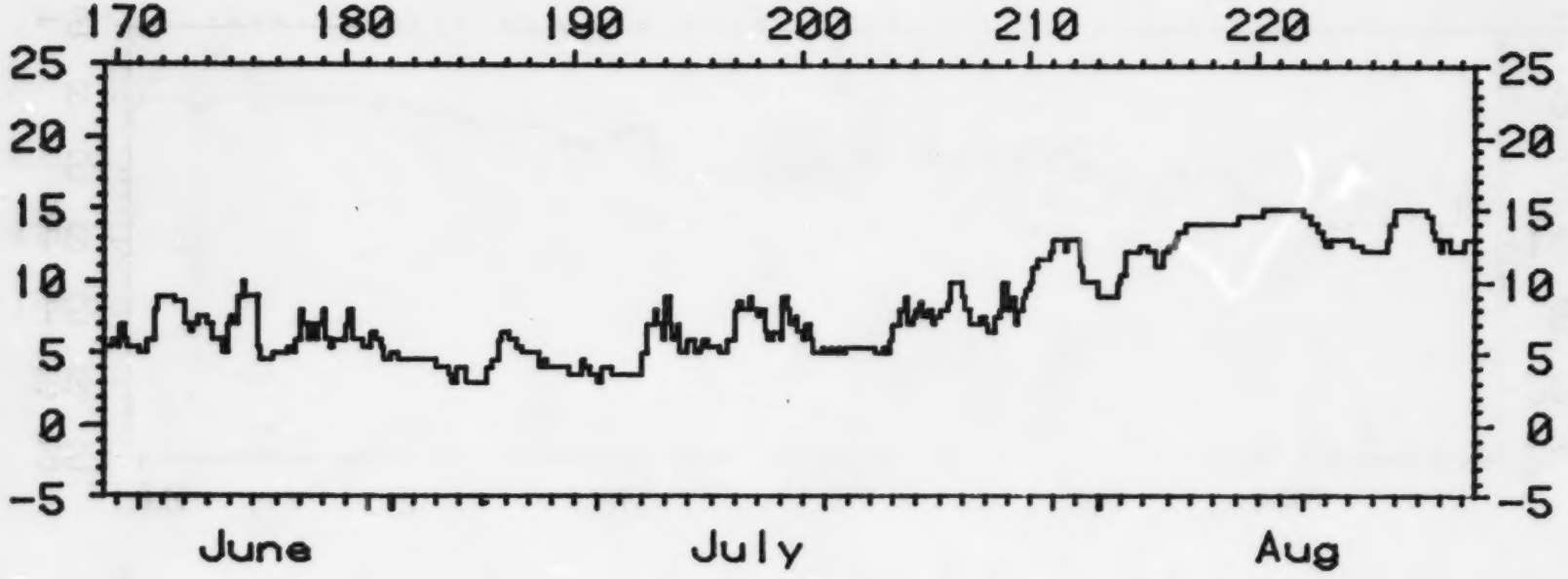


Instrument : 62551

DORTS COVE NS (Page 2)

Pos. : 45.36, 61.28 Depth : 19.0 meters

June 18, 1982 12:00 GMT to Aug 17, 1982 12:00 GMT



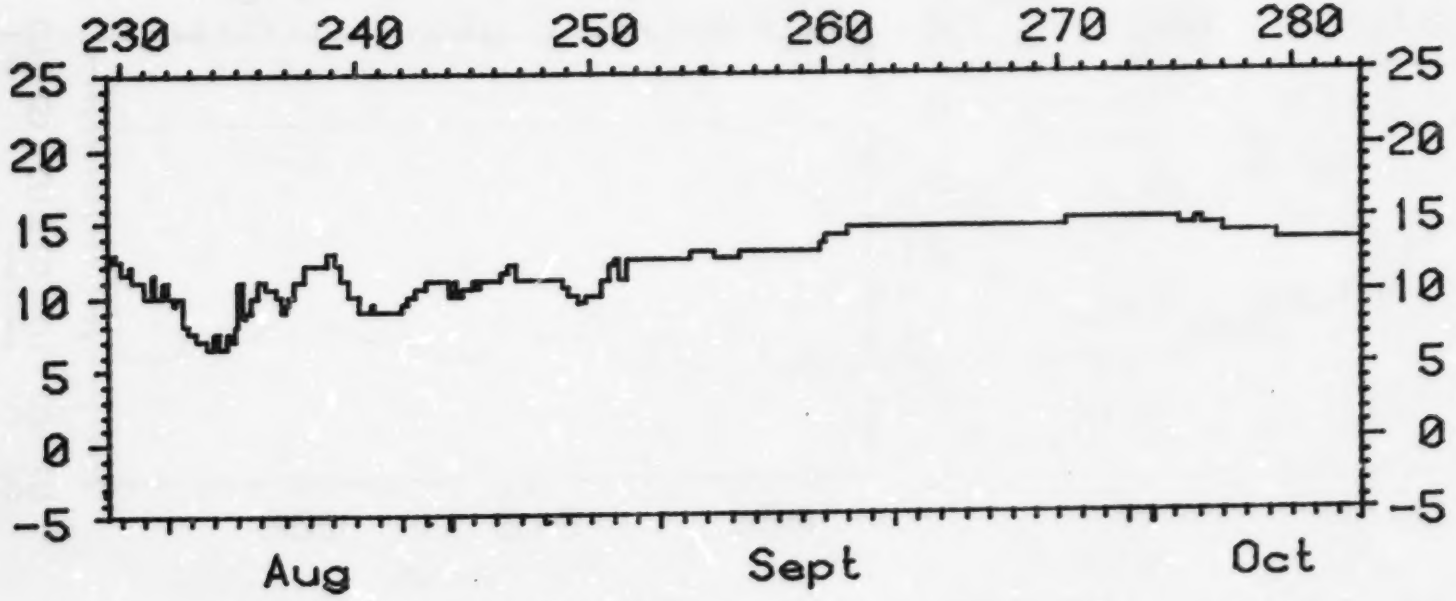
Instrument : 62551

Station 35 (continued)

DORTS COVE NS (Page 3)

Pos. : 45.36, 61.28 Depth : 19.0 meters

Aug 17, 1982 12:00 GMT to Oct 10, 1982 00:00 GMT

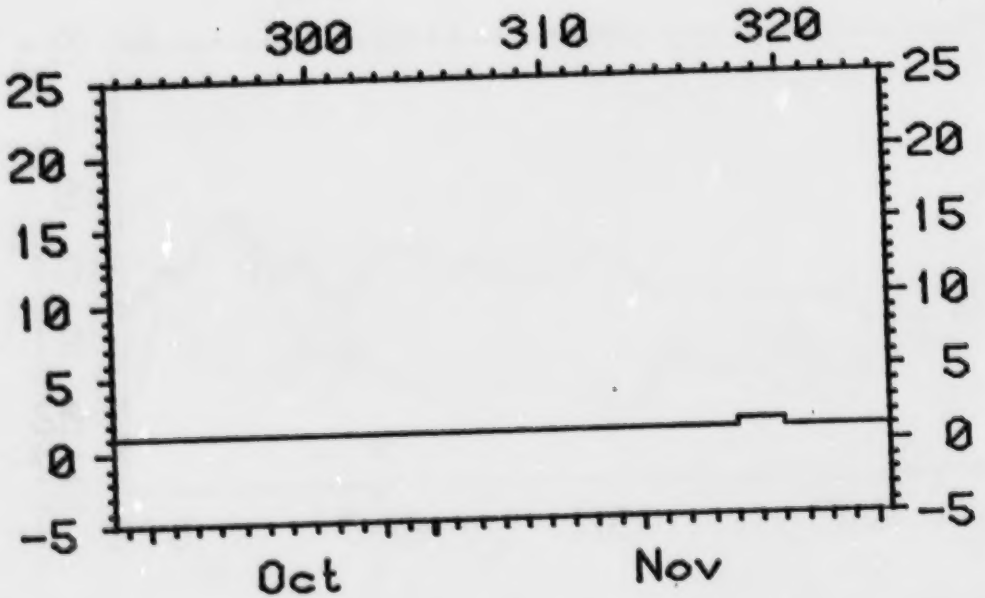


Instrument : 62551

ORPHEUS ROCK CB NS

Pos. : 45.47, 60.88 Depth : 132.0 meters

Oct 18, 1982 11:30 GMT to Nov 20, 1982 11:30 GMT



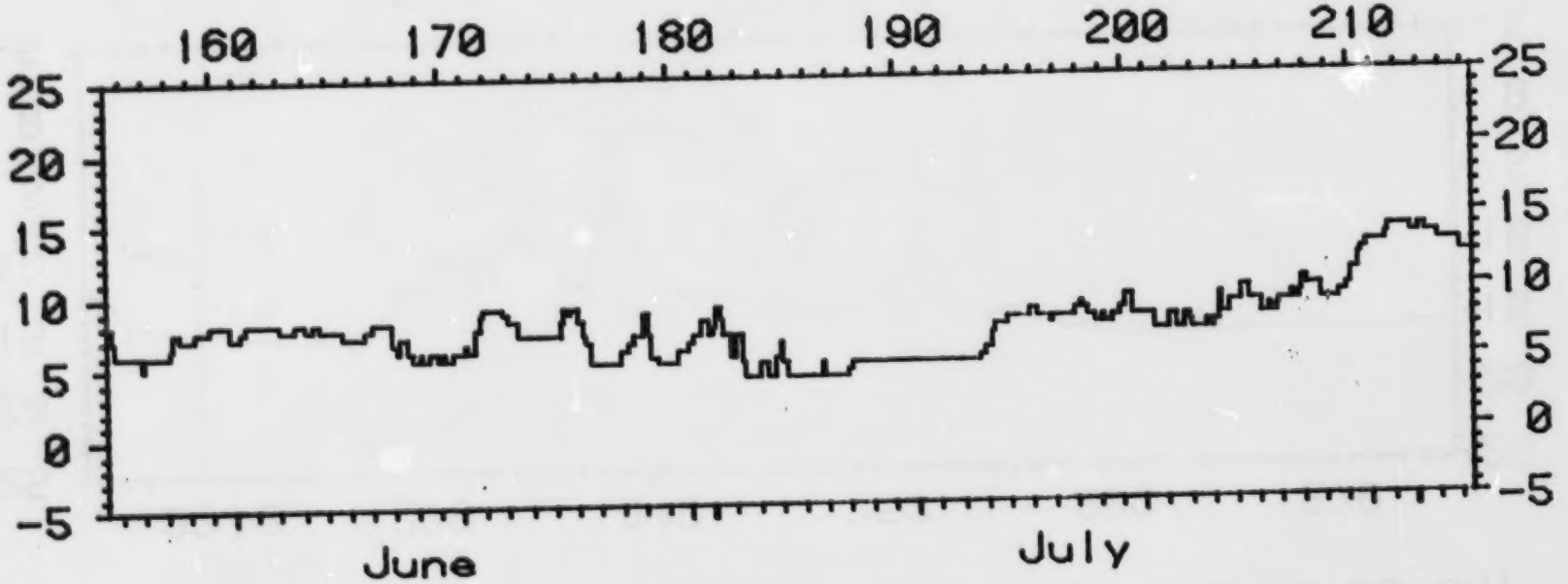
Instrument : 62471

BAD TIME ERROR DUE TO DAMAGED PAPER DRIVE. MIN 1.0,MA

ISLE MADAME NS (Page 1)

Pos. : 45.60, 60.95 Depth : 18.0 meters

June 4, 1982 09:40 GMT to Aug 3, 1982 09:39 GMT



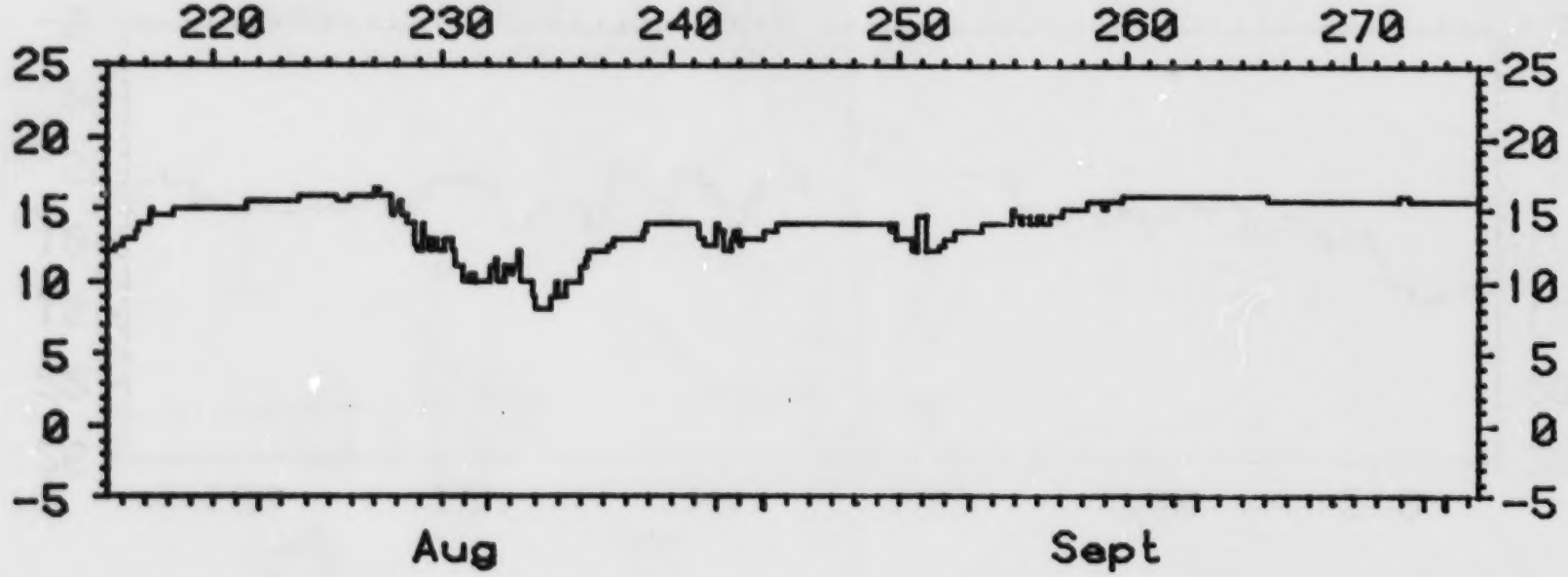
Instrument : 61666

Station 37

ISLE MADAME NS (Page 2)

Pos. : 45.60, 60.95 Depth : 18.0 meters

Aug 3, 1982 09:39 GMT to Oct 2, 1982 09:39 GMT



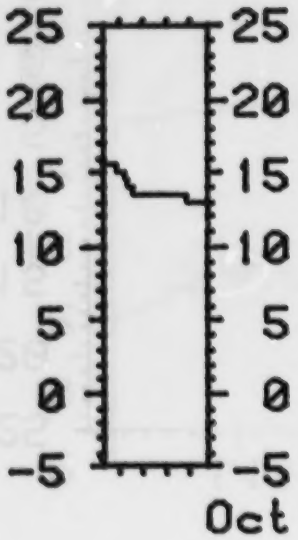
Instrument : 61666

Station 37 (continued)

ISLE MADAME NS (Page 3)

Pos. : 45.60, 60.95 Depth : 18.0 meters

Oct 2, 1982 09:39 GMT to Oct 6, 1982 17:39 GMT



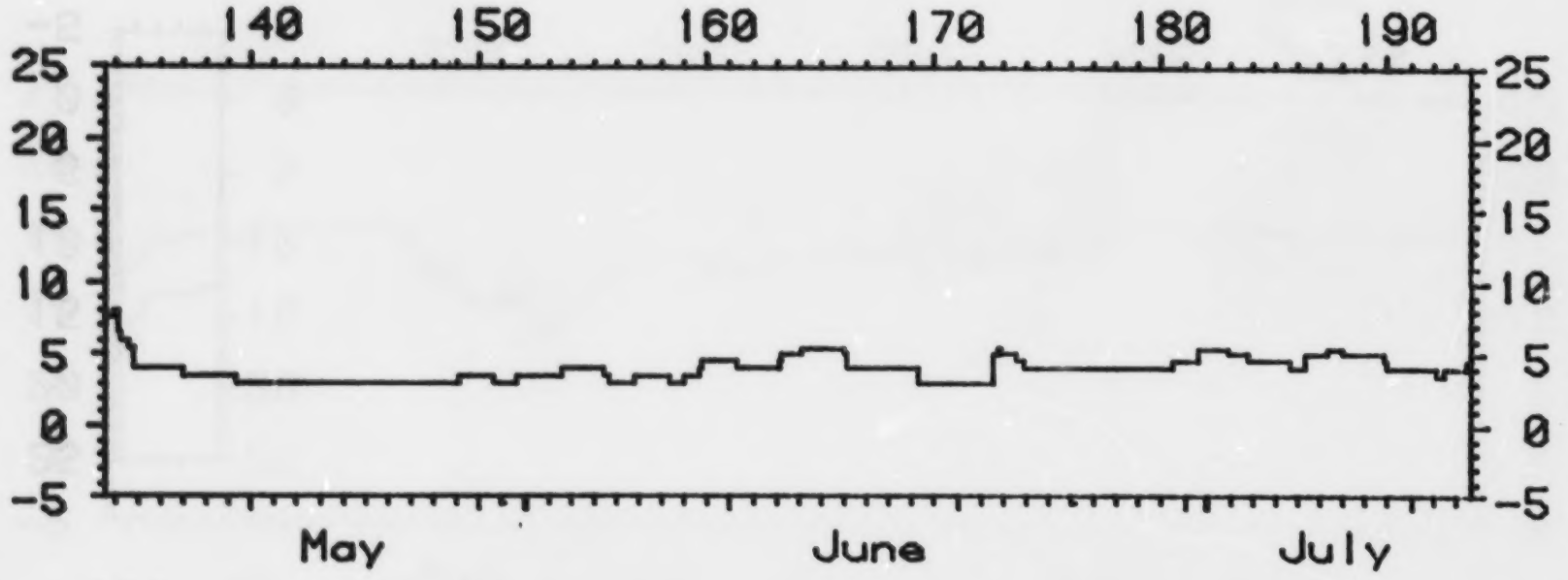
Instrument : 61666

Station 37 (continued)

FOURCHU NS (Page 1)

Pos. : 45.69, 60.20 Depth : 22.0 meters

May 13, 1982 15:00 GMT to July 12, 1982 15:00 GMT



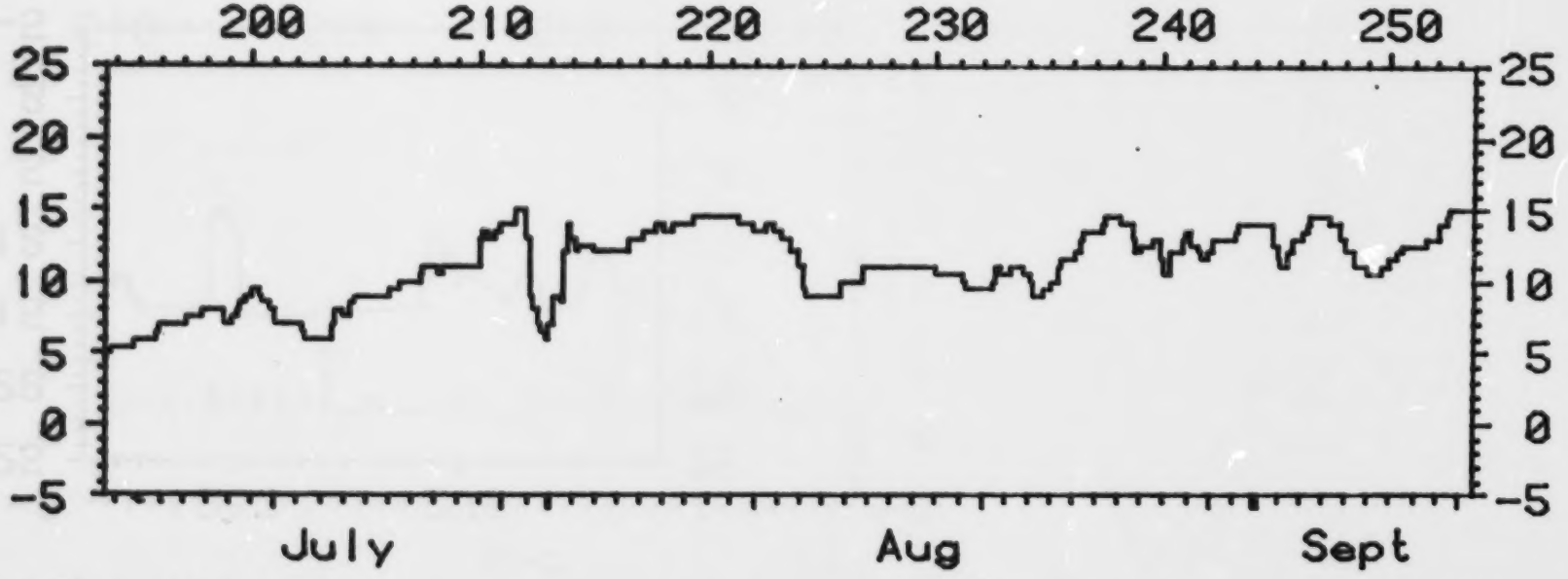
Instrument : 61638

Station 388

FOURCHU NS (Page 2)

Pos. : 45.69, 60.20 Depth : 22.0 meters

July 12, 1982 15:00 GMT to Sept 10, 1982 15:00 GMT



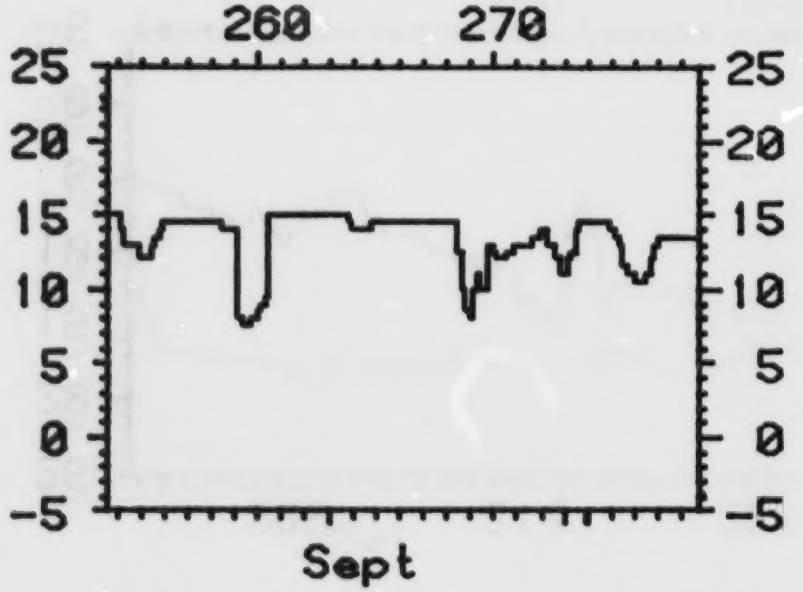
Instrument : 61638

Station 388 (continued)

FOURCHU NS (Page 3)

Pos. : 45.69, 60.20 Depth : 22.0 meters

Sept 10, 1982 15:00 GMT to Oct 5, 1982 19:00 GMT

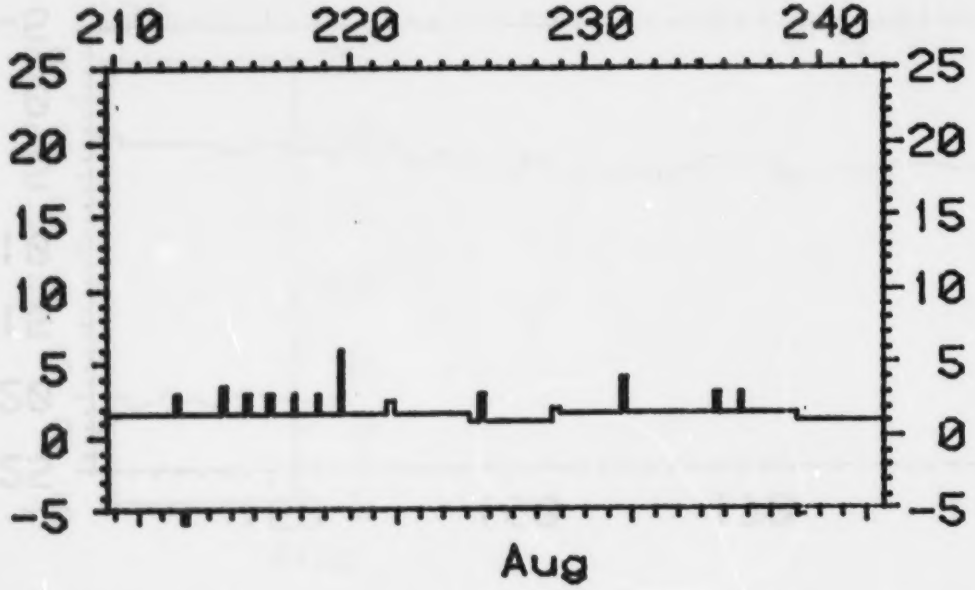


Instrument : 61638

FOURCHU NS

Pos. : 45.64, 59.93 Depth : 129.0 meters

July 28, 1982 18:00 GMT to Aug 30, 1982 18:00 GMT



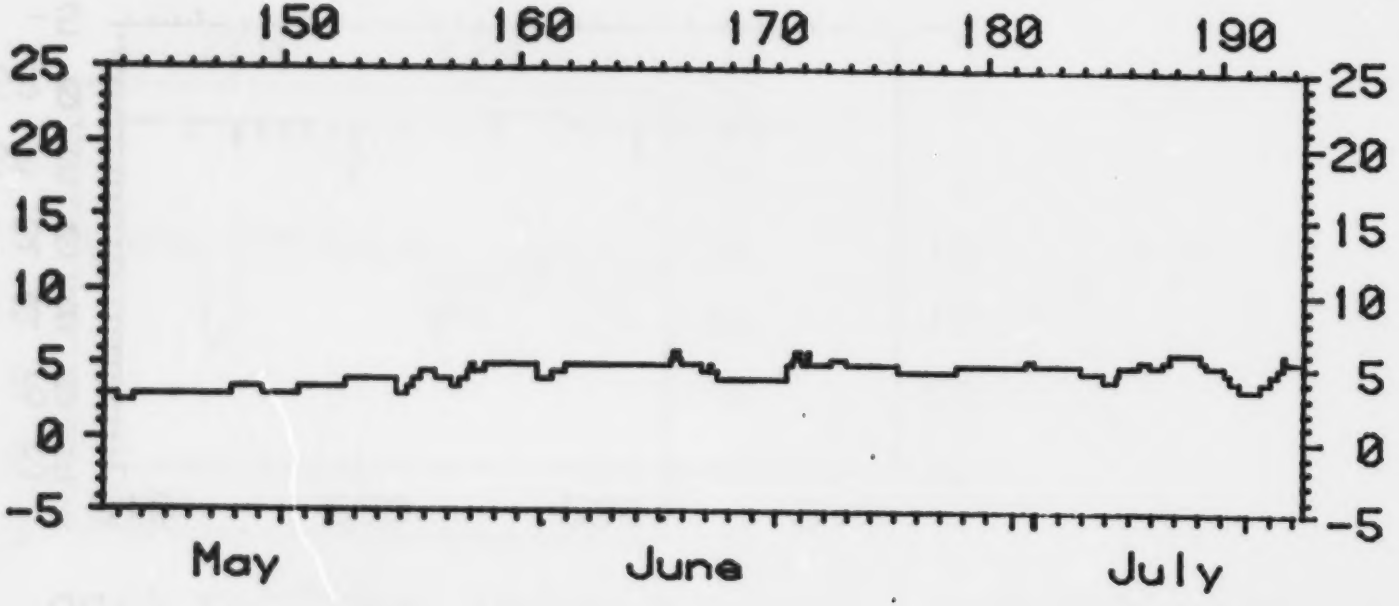
Instrument : 62466

Station 38C

GABARUS NS

Pos. : 45.78, 60.11 Depth : 23.0 meters

May 22, 1982 10:00 GMT to July 12, 1982 10:00 GMT



Instrument : 61657

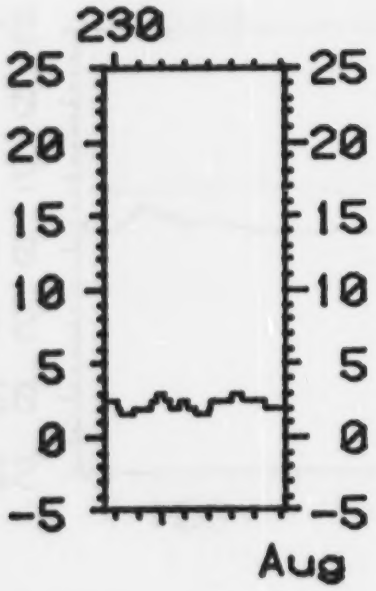
PAPER DRIVE HOLES DAMAGED.

Station 398

GABARUS NS

Pos. : 45.81, 60.05 Depth : 76.0 meters

Aug 17, 1982 14:30 GMT to Aug 25, 1982 06:30 GMT



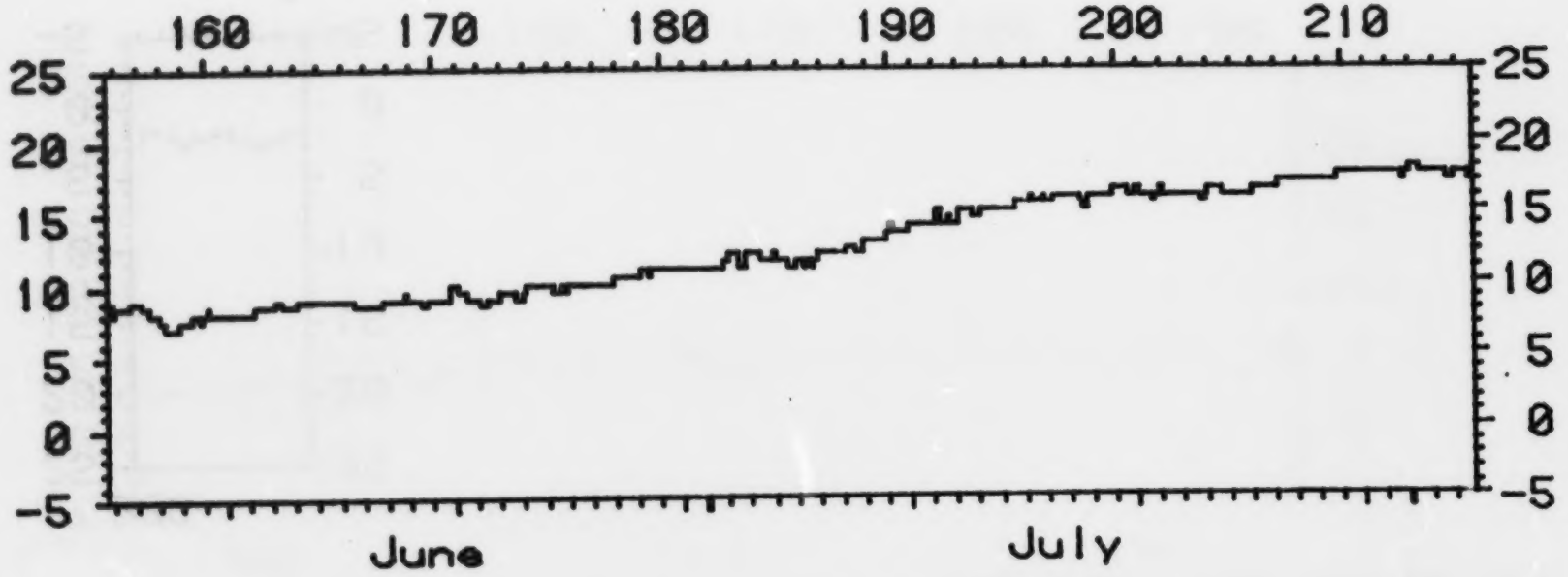
Instrument : 61657

Station 39C

SEAL ISLAND NS (Page 1)

Pos. : 46.19, 60.55 Depth : 16.0 meters

June 4, 1982 18:00 GMT to Aug 3, 1982 18:00 GMT



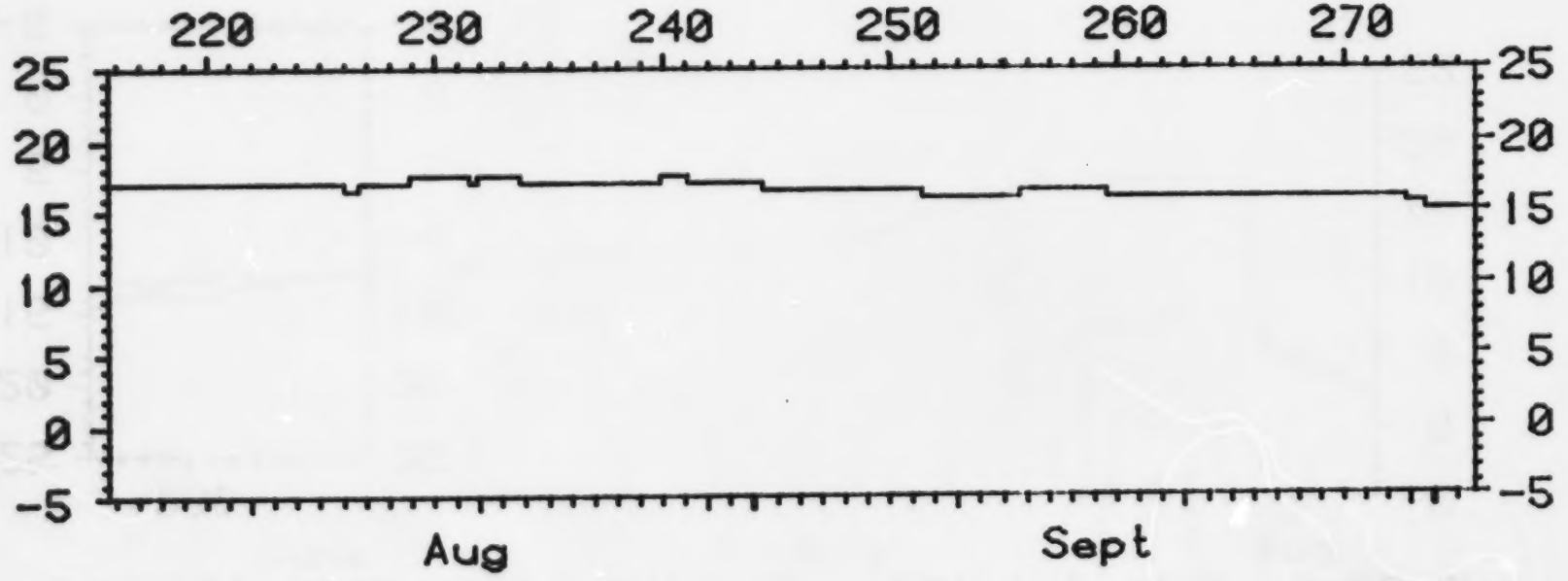
Instrument : 61689

Station 41A

SEAL ISLAND NS (Page 2)

Pos. : 46.19, 60.55 Depth : 16.0 meters

Aug 3, 1982 18:00 GMT to Oct 2, 1982 18:00 GMT

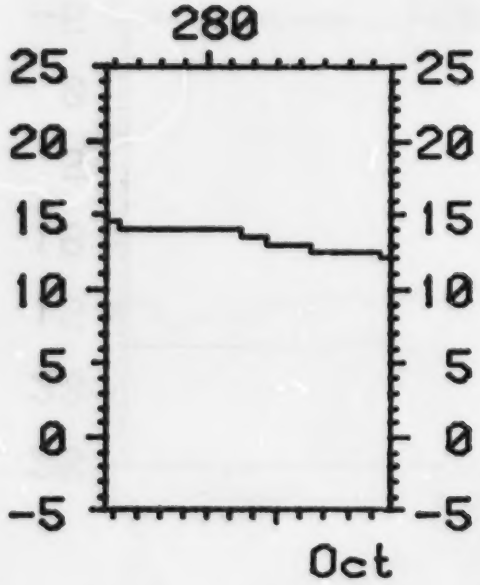


Instrument : 61689

SEAL ISLAND NS (Page 3)

Pos. : 46.19, 60.55 Depth : 16.0 meters

Oct 2, 1982 18:00 GMT to Oct 14, 1982 18:00 GMT

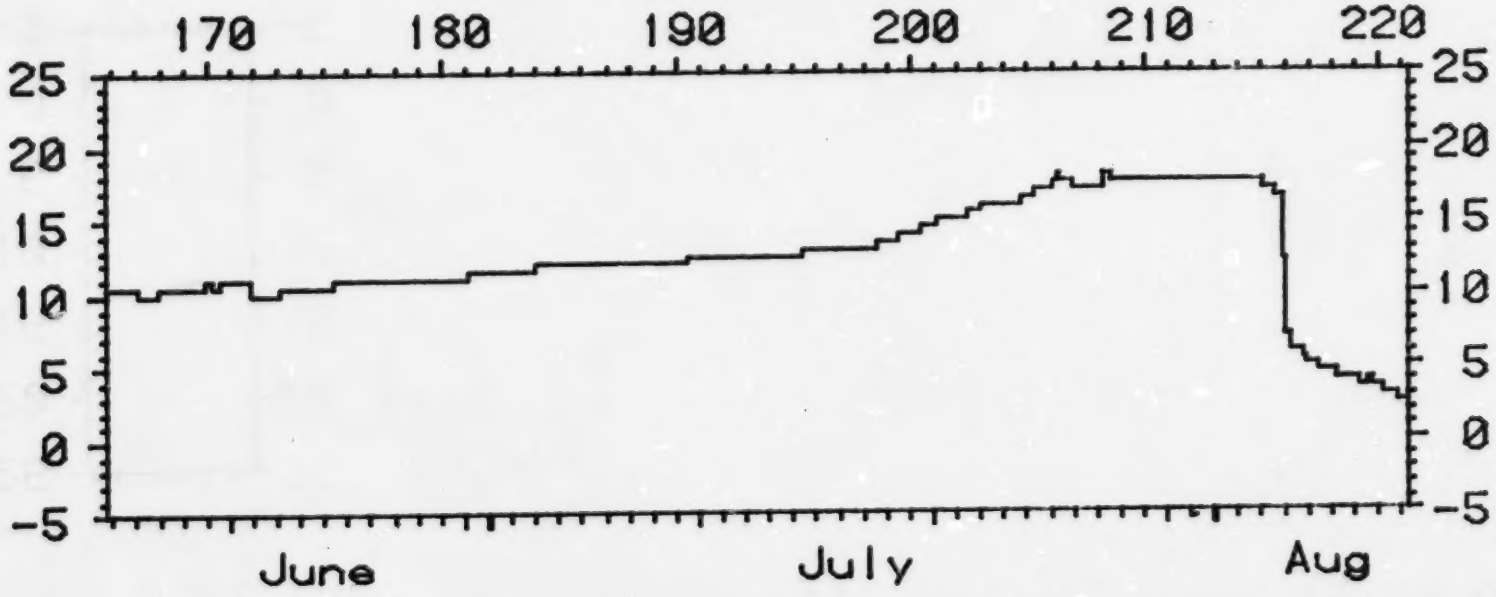


Instrument : 61689

SEAL ISLAND NS

Pos. : 46.19, 60.55 Depth : 3.0 meters

June 14, 1982 18:30 GMT to Aug 9, 1982 06:30 GMT



Instrument : 61673

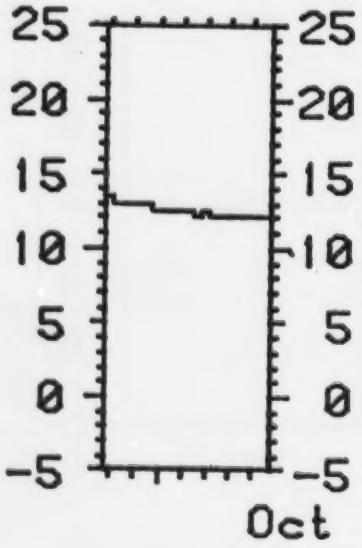
SOME LEAKAGE, CLOCK STOPPED.

Station 41B

SEAL ISLAND NS

Pos. : 46.19, 60.55 Depth : 3.0 meters

Oct 7, 1982 18:30 GMT to Oct 14, 1982 18:30 GMT



Instrument : 62497

DEL MAY 11, NOT MOORED UNTIL OCT 7.

Station 41C

SECTION 9

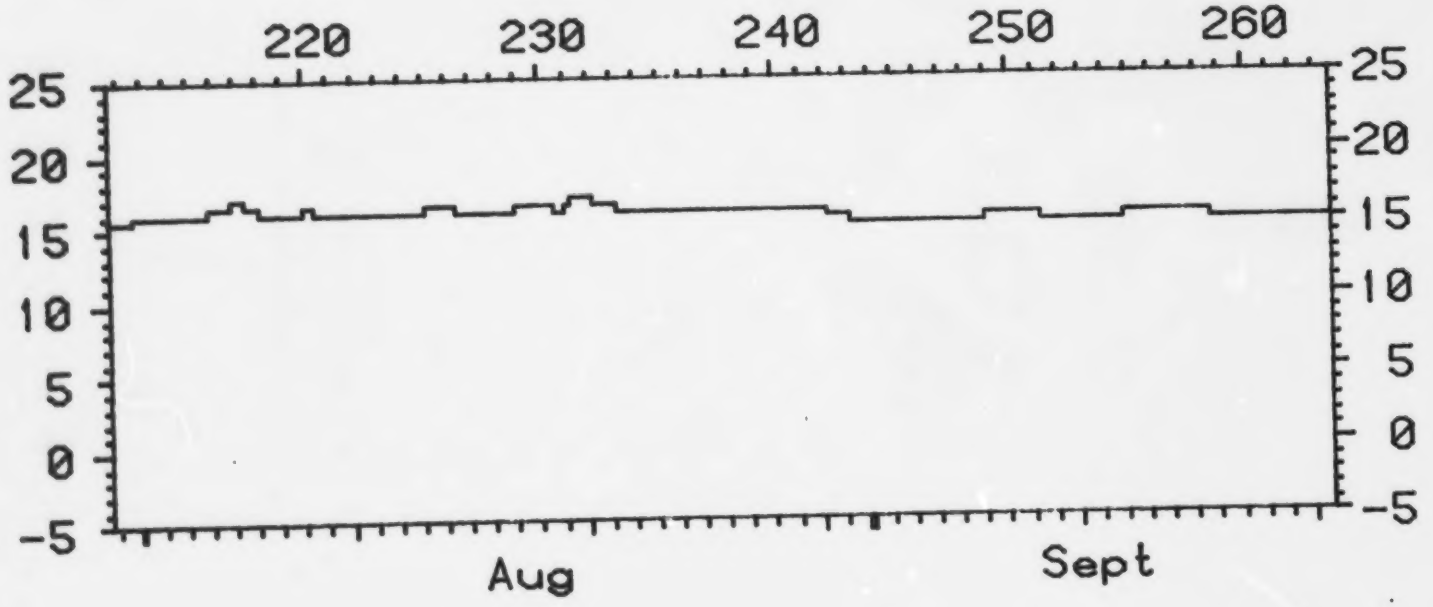
AREA 2: Gulf

Temperature Records

PICTOU ISLAND NS

Pos. : 45.81, 62.45 Depth : 19.0 meters

July 30, 1982 18:00 GMT to Sept 20, 1982 18:00 GMT



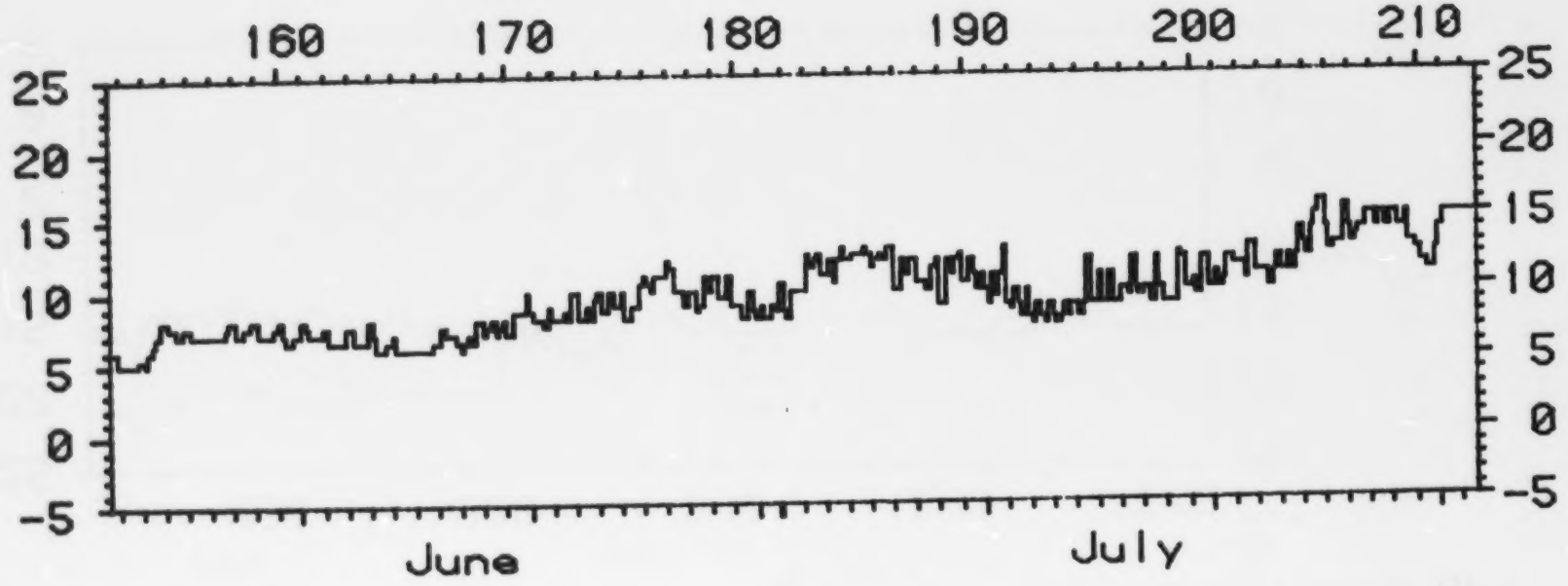
Instrument : 62545

Station 44

SKINNERS COVE NS (Page 1)

Pos. : 45.83, 63.05 Depth : 13.0 meters

June 1, 1982 15:00 GMT to July 31, 1982 15:00 GMT



Instrument : 62547

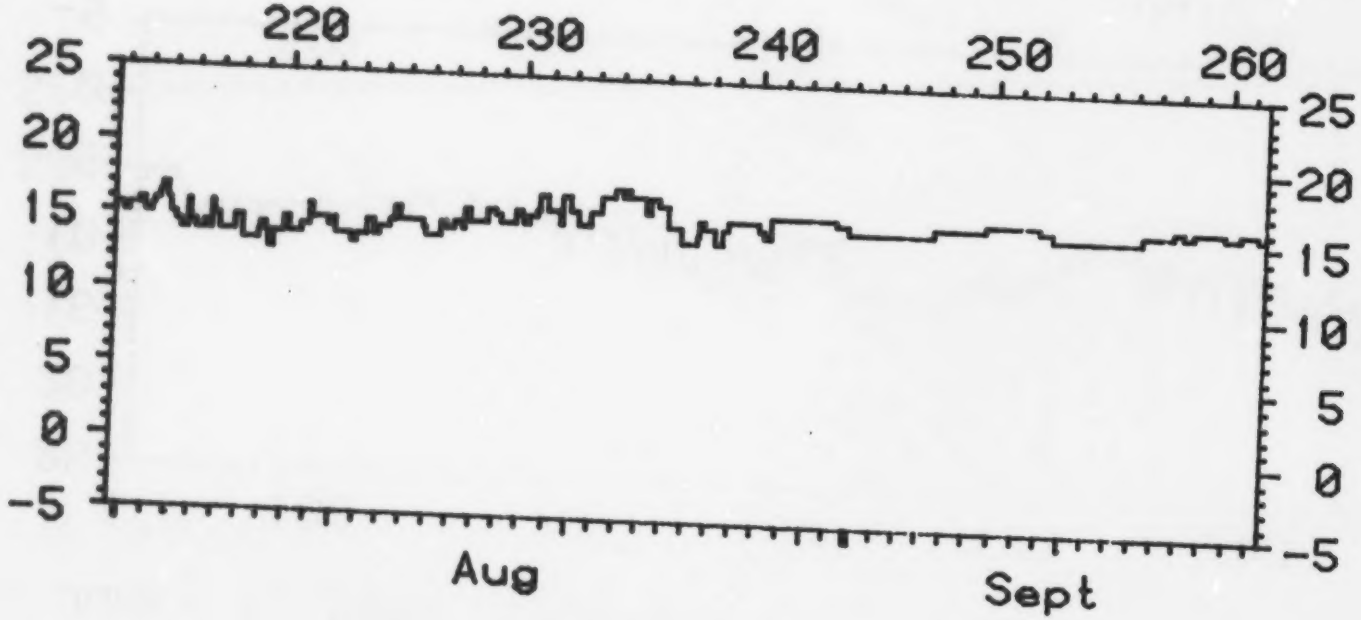
Station 46

SKINNERS COVE NS

(Page 2)

Pos. : 45.83, 63.05 Depth : 13.0 meters

July 31, 1982 15:00 GMT to Sept 18, 1982 15:00 GMT



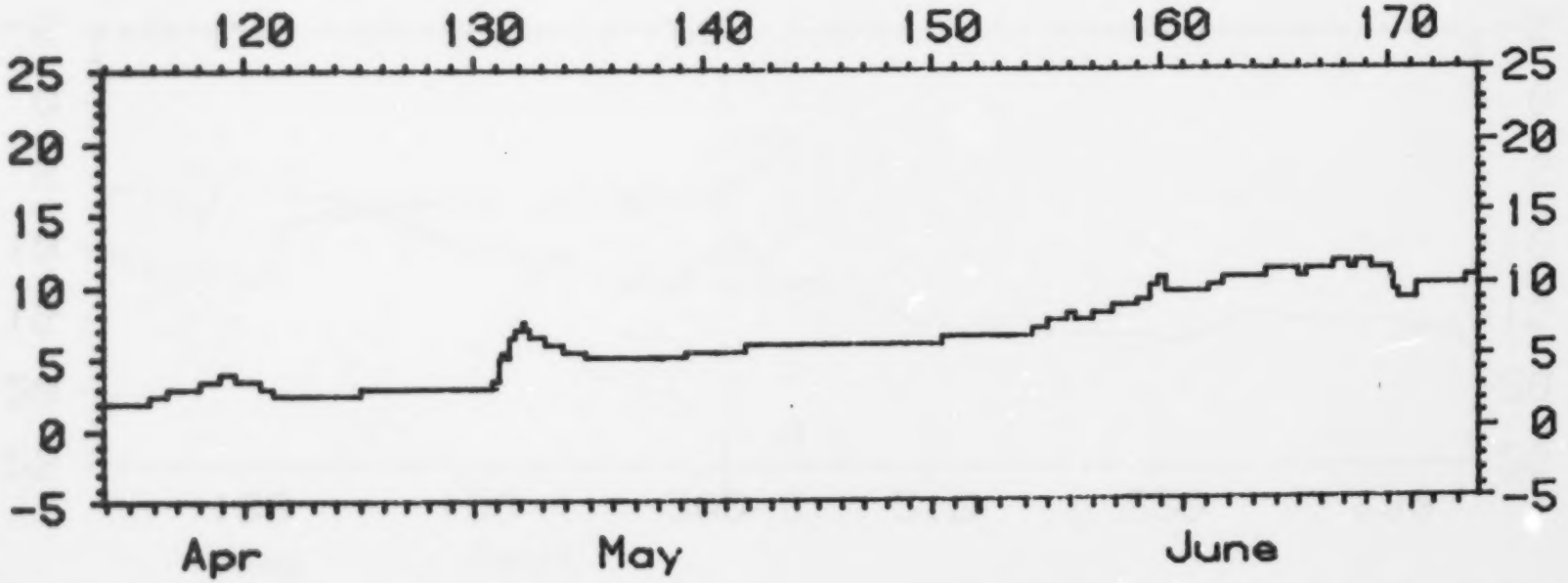
Instrument : 62547

Station 46 (continued)

PUGWASH NS (Page 1)

Pos. : 45.90, 63.68 Depth : 17.0 meters

Apr 23, 1982 21:00 GMT to June 22, 1982 21:00 GMT



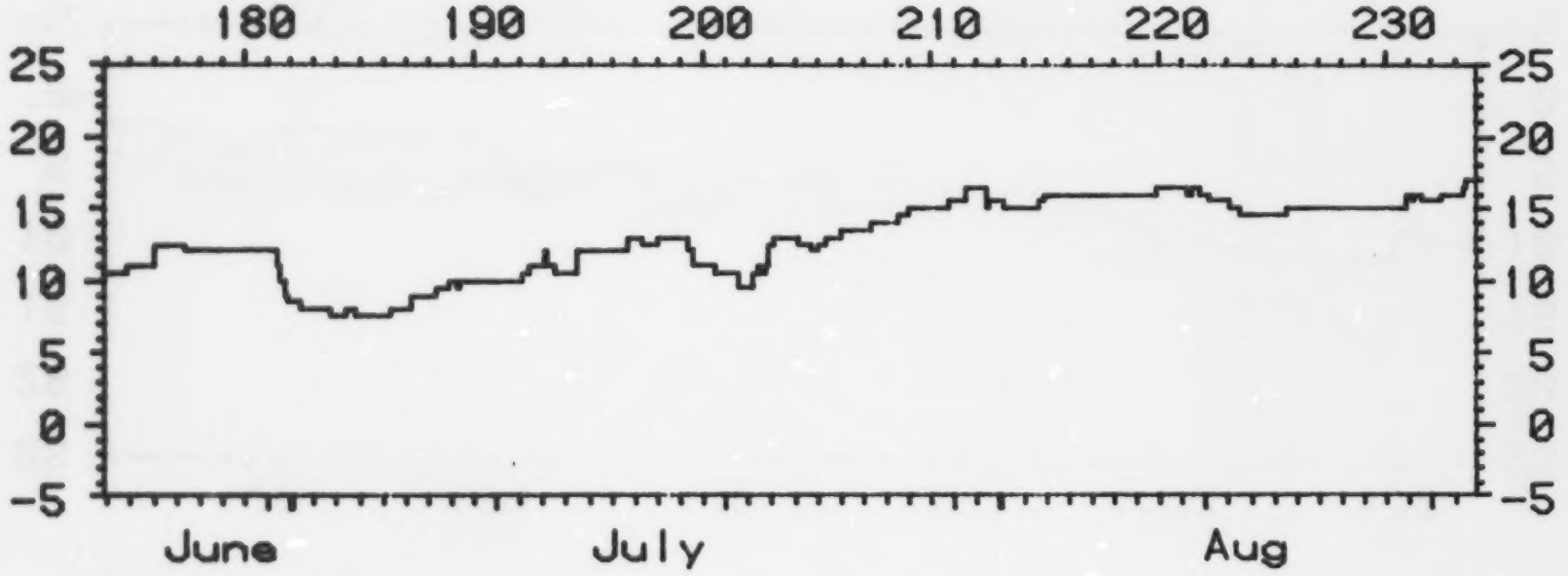
Instrument : 62502

Station 47

PUGWASH NS (Page 2)

Pos. : 45.90, 63.68 Depth : 17.0 meters

June 22, 1982 21:00 GMT to Aug 21, 1982 21:00 GMT



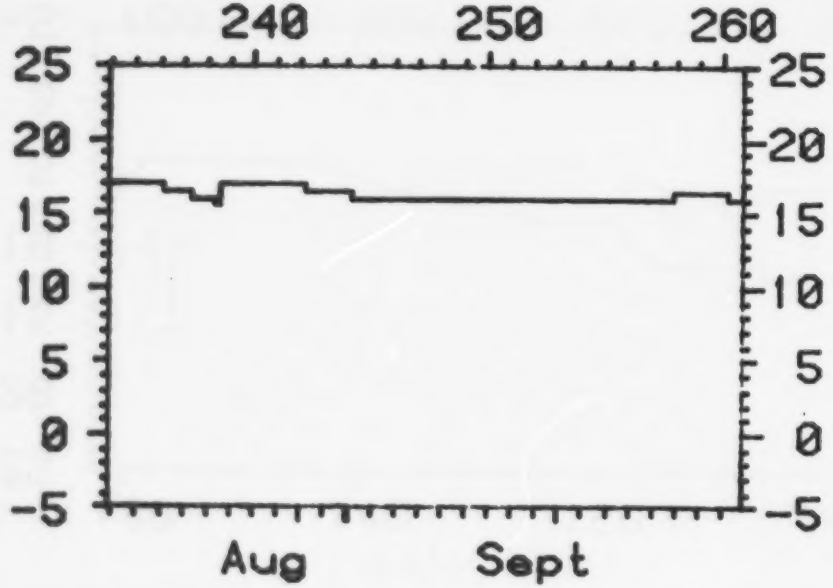
Instrument : 62502

Station 47 (continued)

PUGWASH NS (Page 3)

Pos. : 45.90, 63.68 Depth : 17.0 meters

Aug 21, 1982 21:00 GMT to Sept 17, 1982 21:00 GMT



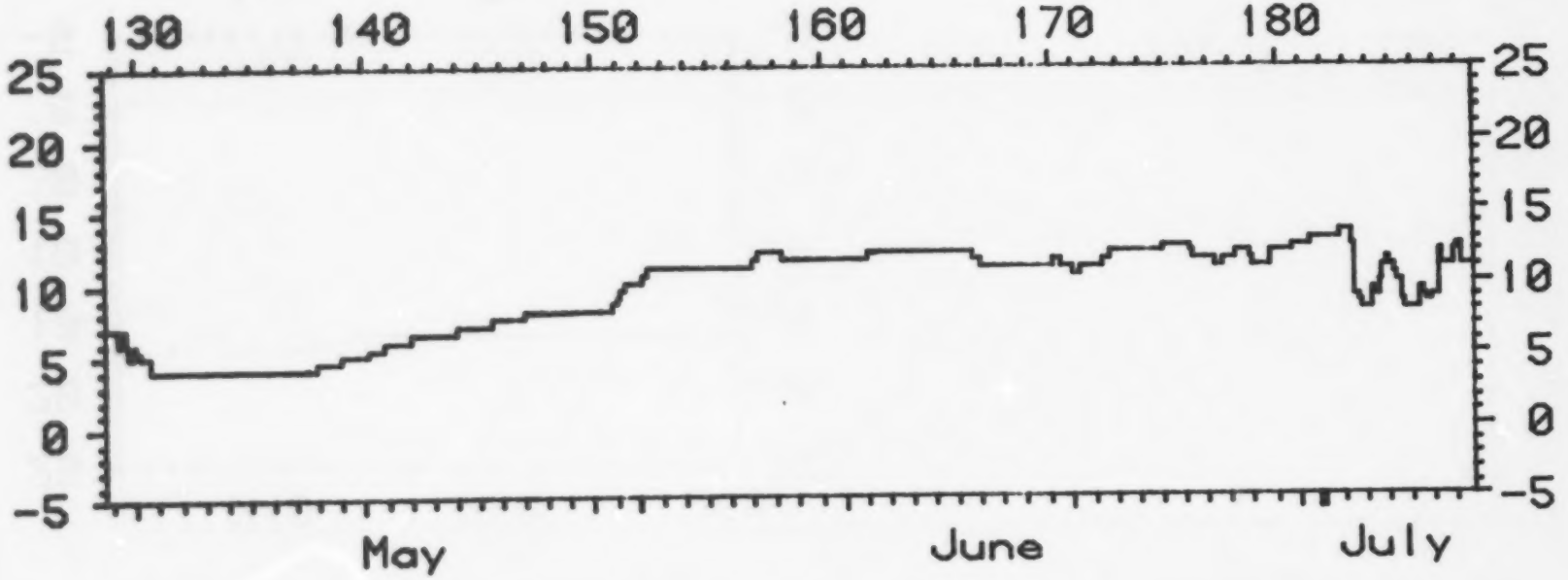
Instrument : 62502

Station 47 (continued)

VICTORIA PEI (Page 1)

Pos. : 46.18, 63.48 Depth : 11.0 meters

May 8, 1982 16:00 GMT to July 7, 1982 16:00 GMT



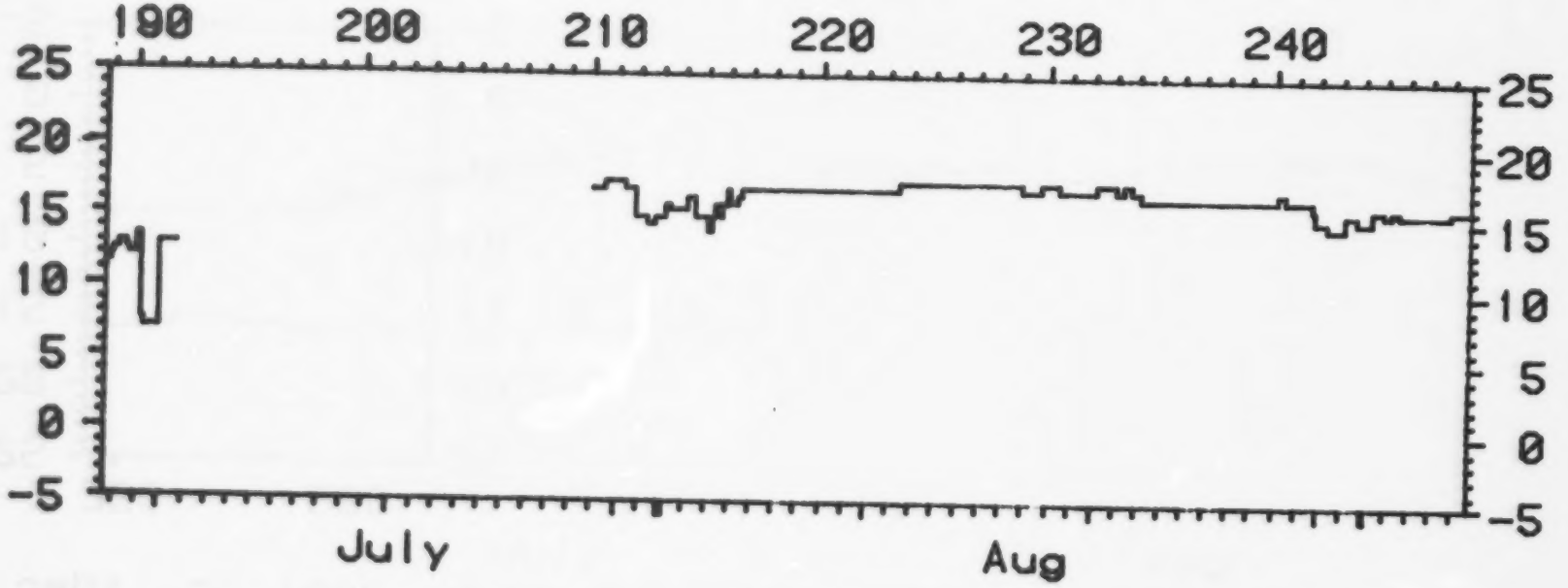
Instrument : 62549

RECORDER REMOVED FROM WATER JULY 10 - 29.

VICTORIA PEI

Pos. : 46.18, 63.48 Depth : 11.0 meters

July 7, 1982 16:00 GMT to Sept 5, 1982 16:00 GMT



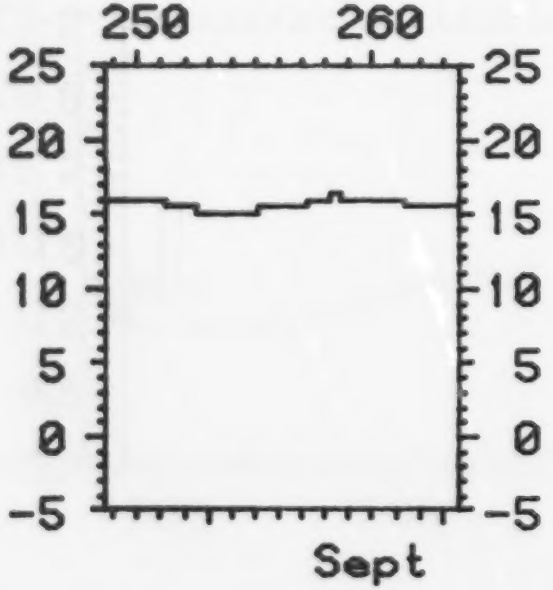
Instrument : 62549

RECORDER REMOVED FROM WATER JULY 10 - 29.

VICTORIA PEI (Page 3)

Pos. : 46.18, 63.48 Depth : 11.0 meters

Sept 5, 1982 16:00 GMT to Sept 20, 1982 16:00 GMT



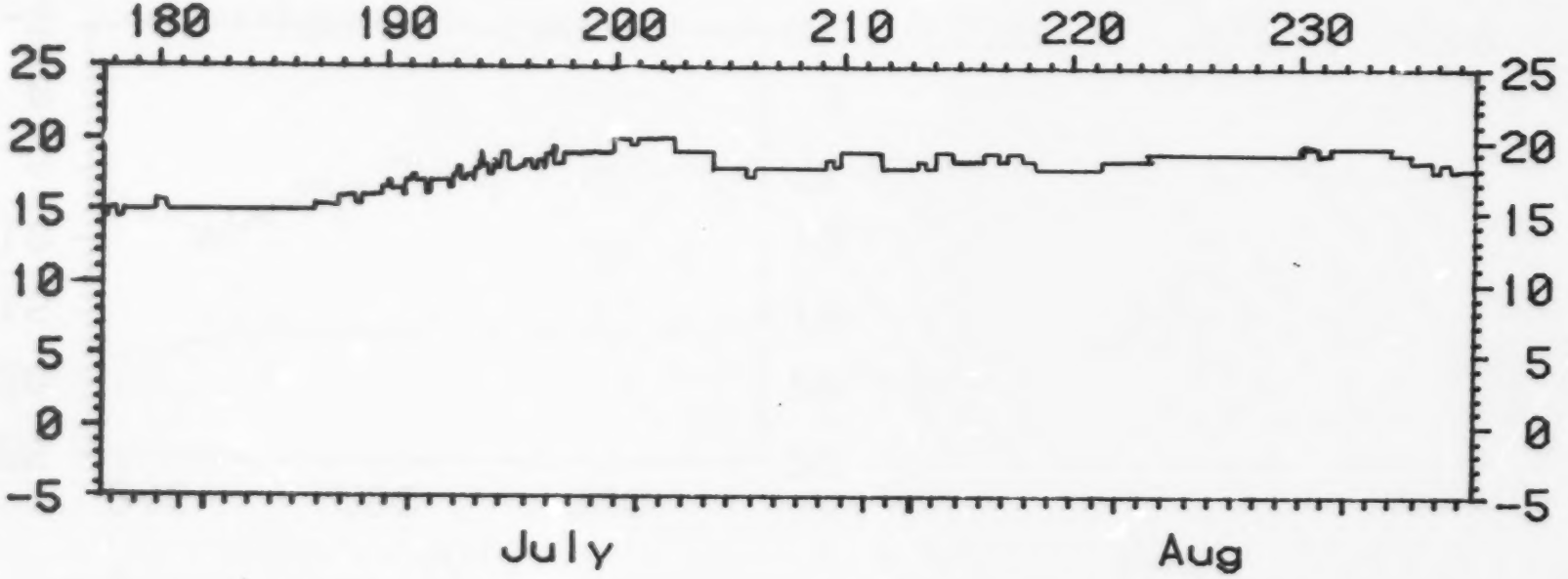
Instrument : 62549

RECORDER REMOVED FROM WATER JULY 10 - 29.

CAPE EGMONT PEI (Page 1)

Pos. : 46.38, 64.13 Depth : 12.0 meters

June 26, 1982 15:00 GMT to Aug 25, 1982 15:00 GMT



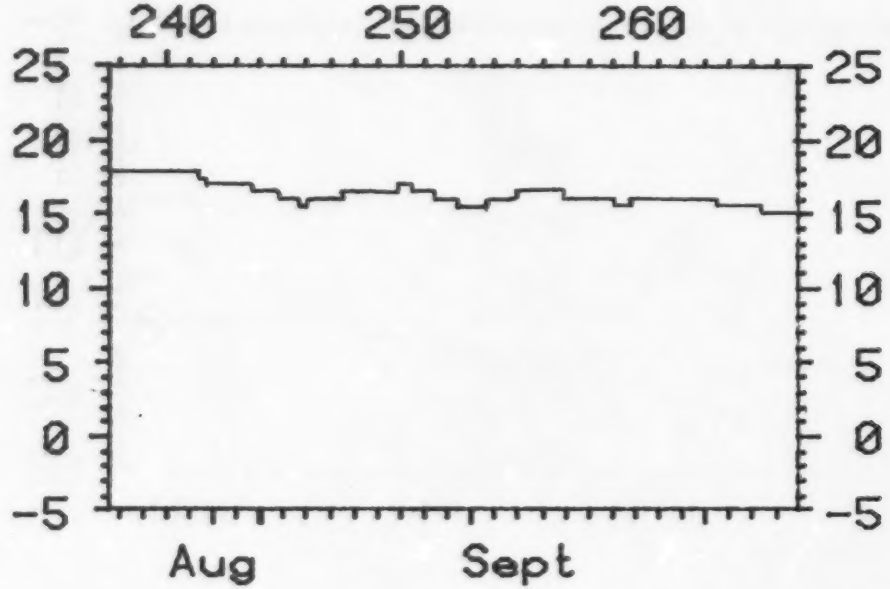
Instrument : 61052

Station 50B

CAPE EGMONT PEI (Page 2)

Pos. : 46.38, 64.13 Depth : 12.0 meters

Aug 25, 1982 15:00 GMT to Sept 23, 1982 23:00 GMT

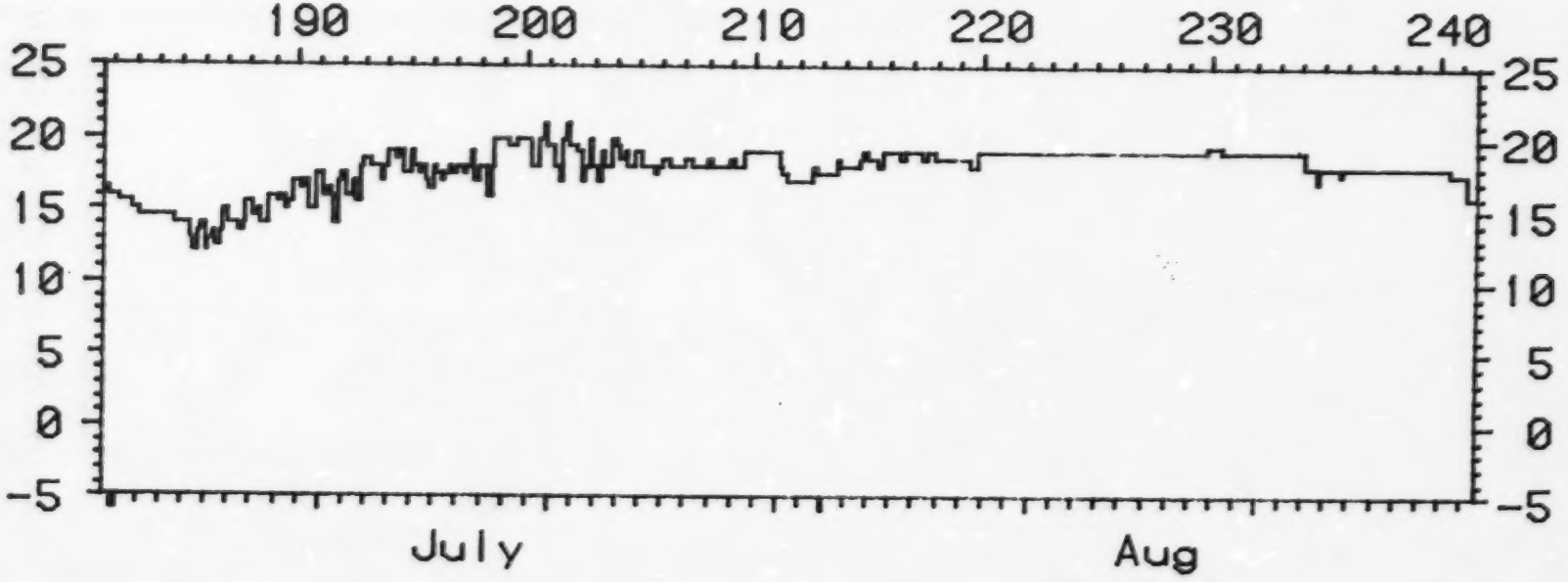


Instrument : 61052

WEST POINT PEI (Page 1)

Pos. : 46.66, 64.40 Depth : 11.0 meters

June 30, 1982 14:30 GMT to Aug 29, 1982 14:30 GMT



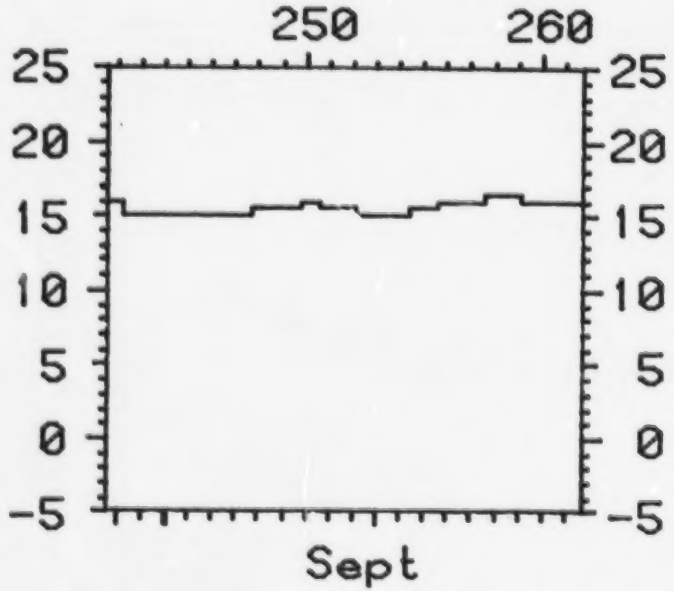
Instrument : 62483

Station 51

WEST POINT PEI

Pos. : 46.66, 64.40 Depth : 11.0 meters

Aug 29, 1982 14:30 GMT to Sept 18, 1982 18:30 GMT

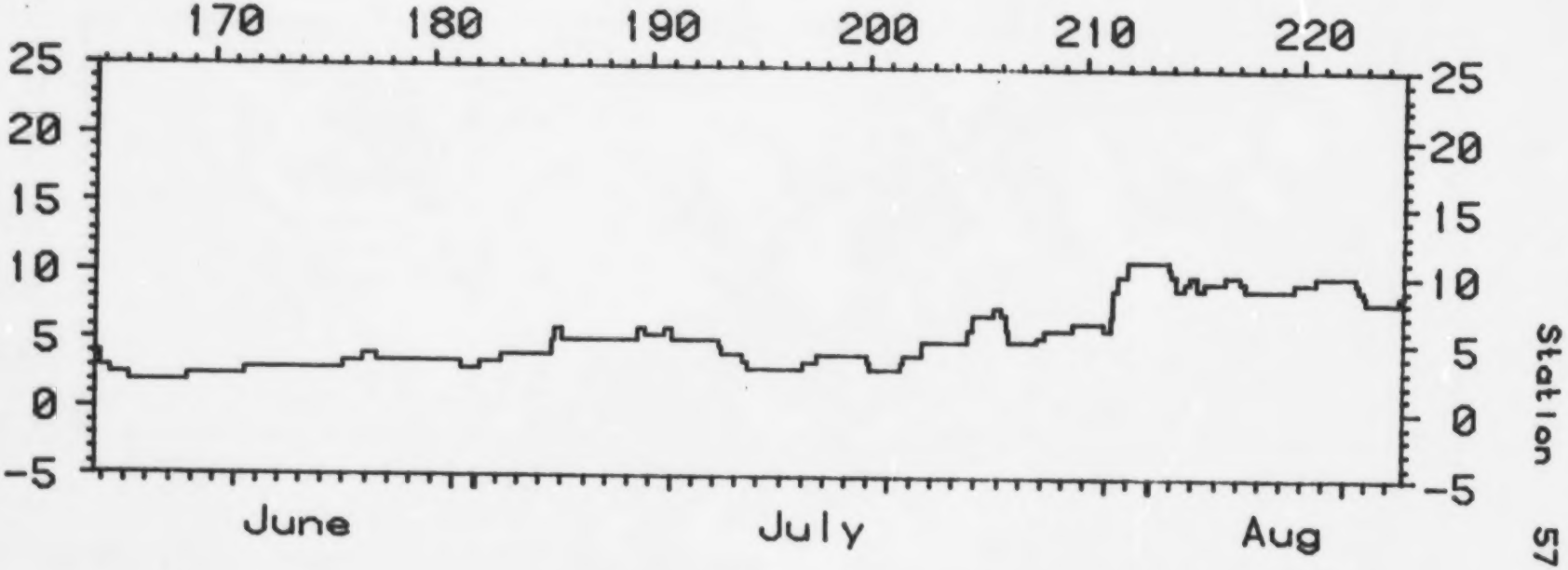


Instrument : 62483

RUSTICO PEI

Pos. : 46.55, 63.27 Depth : 18.0 meters

June 13, 1982 16:00 GMT to Aug 12, 1982 16:00 GMT



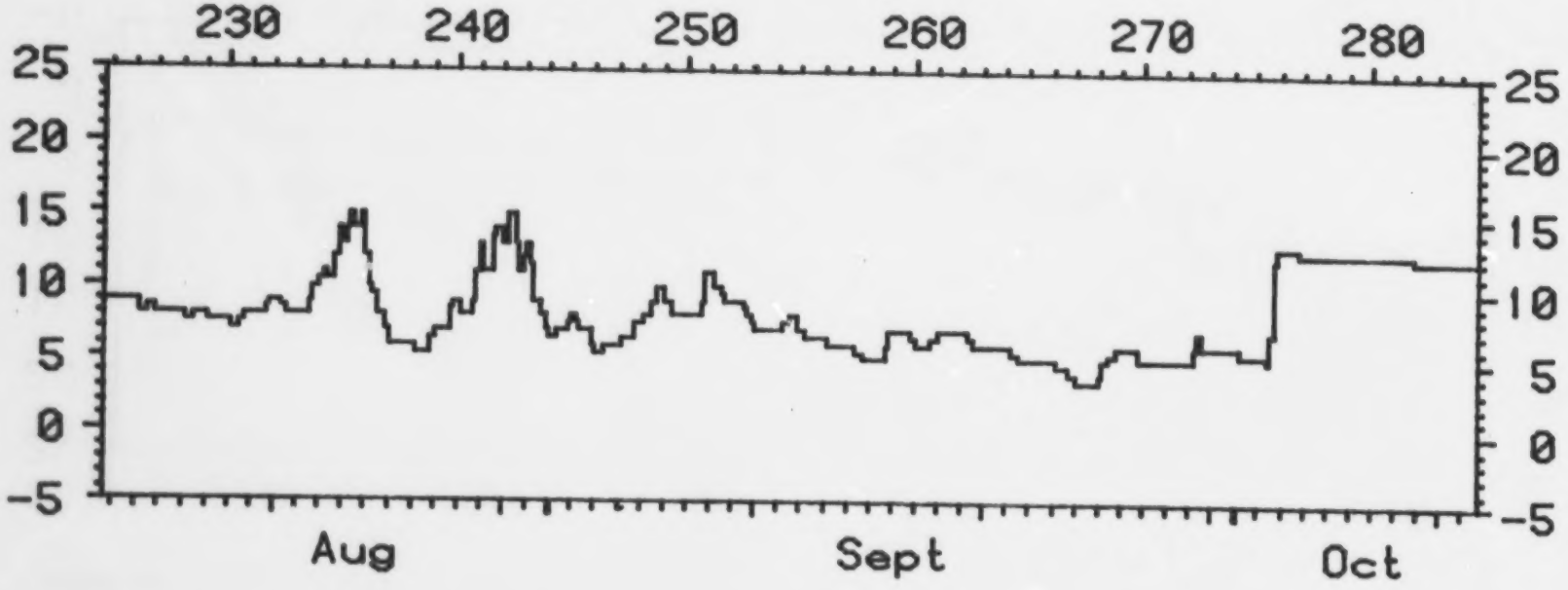
Instrument : 61734

REP MISSING SEPT 8.RECOVERED DRAGGING OCT 28.

RUSTICO PEI (Page 2)

Pos. : 46.55, 63.27 Depth : 18.0 meters

Aug 12, 1982 16:00 GMT to Oct 11, 1982 16:00 GMT



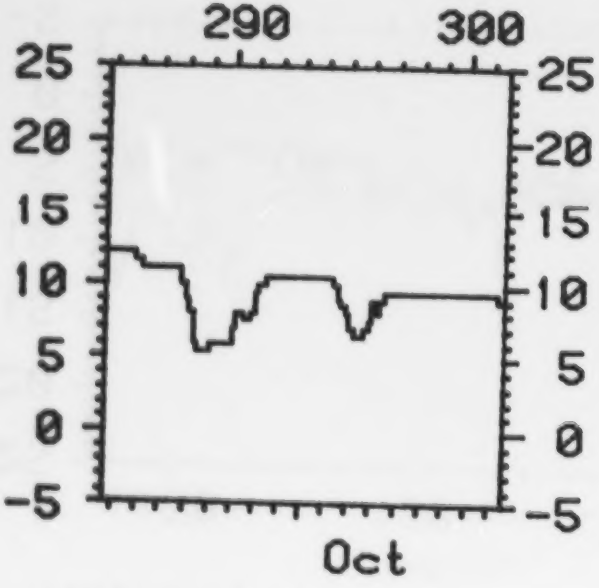
Instrument : 61734

REP MISSING SEPT 8.RECOVERED DRAGGING OCT 28.

RUSTICO PEI

Pos. : 46.55, 63.27 Depth : 18.0 meters

Oct 11, 1982 16:00 GMT to Oct 28, 1982 16:00 GMT



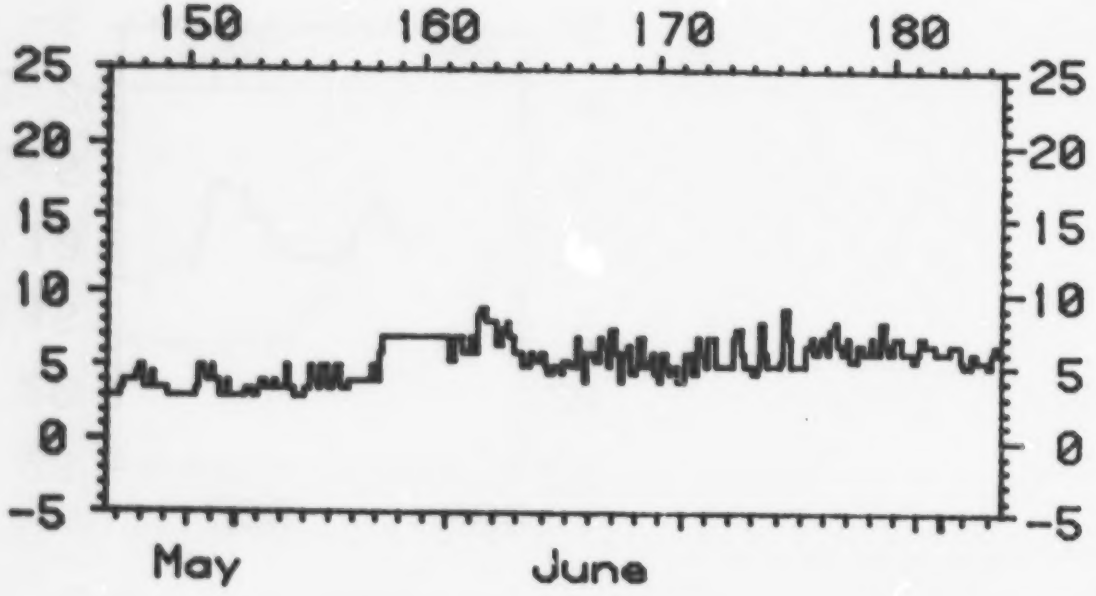
Instrument : 61734

REP MISSING SEPT 8.RECOVERED DRAGGING OCT 28.

BEACH POINT PEI

Pos. : 46.04, 62.48 Depth : 10.0 meters

May 26, 1982 15:00 GMT to July 3, 1982 15:00 GMT



Instrument : 62548

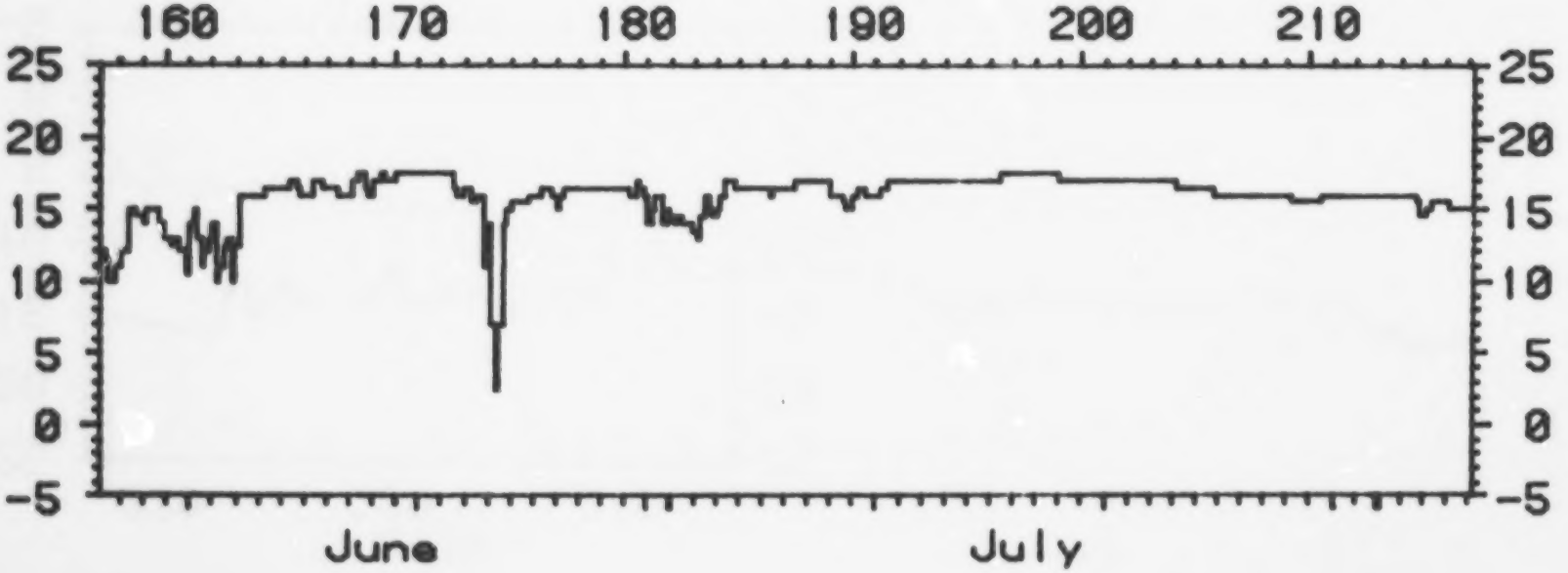
NOT MOORED FOR FULL PERIOD.

Station 59

PLEASANT BAY CB NS (Page 1)

Pos. : 46.85, 60.81 Depth : 18.0 meters

June 6, 1982 03:30 GMT to Aug 5, 1982 03:30 GMT



Instrument : 62467

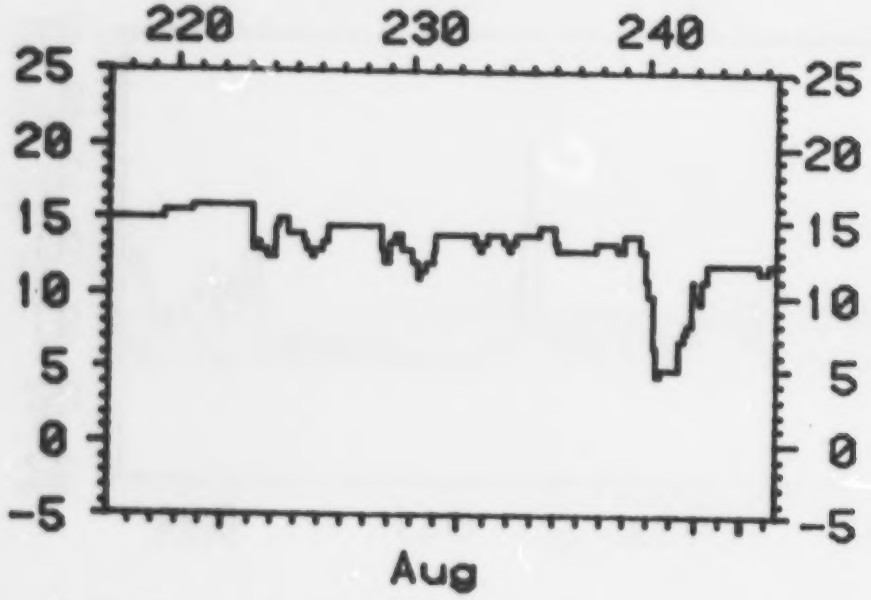
MOORING DISTURBED.TIMING QUESTIONABLE.

Station 61A

PLEASANT BAY CB NS (Page 2)

Pos. : 46.85, 60.81 Depth : 18.0 meters

Aug 5, 1982 03:30 GMT to Sept 2, 1982 11:30 GMT



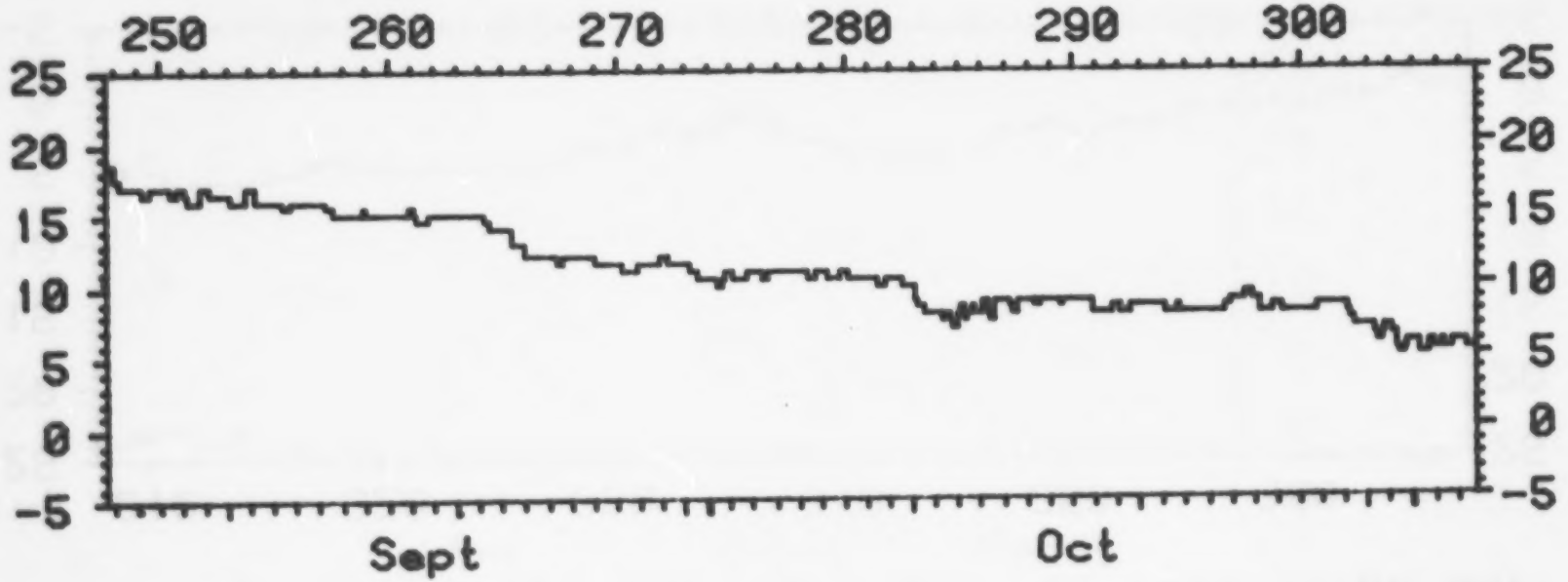
Instrument : 62467

MOORING DISTURBED.TIMING QUESTIONABLE.

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 1)

Pos. : 47.40, 61.84 Depth : 20.0 meters

Sept 4, 1981 18:00 GMT to Nov 3, 1981 18:00 GMT



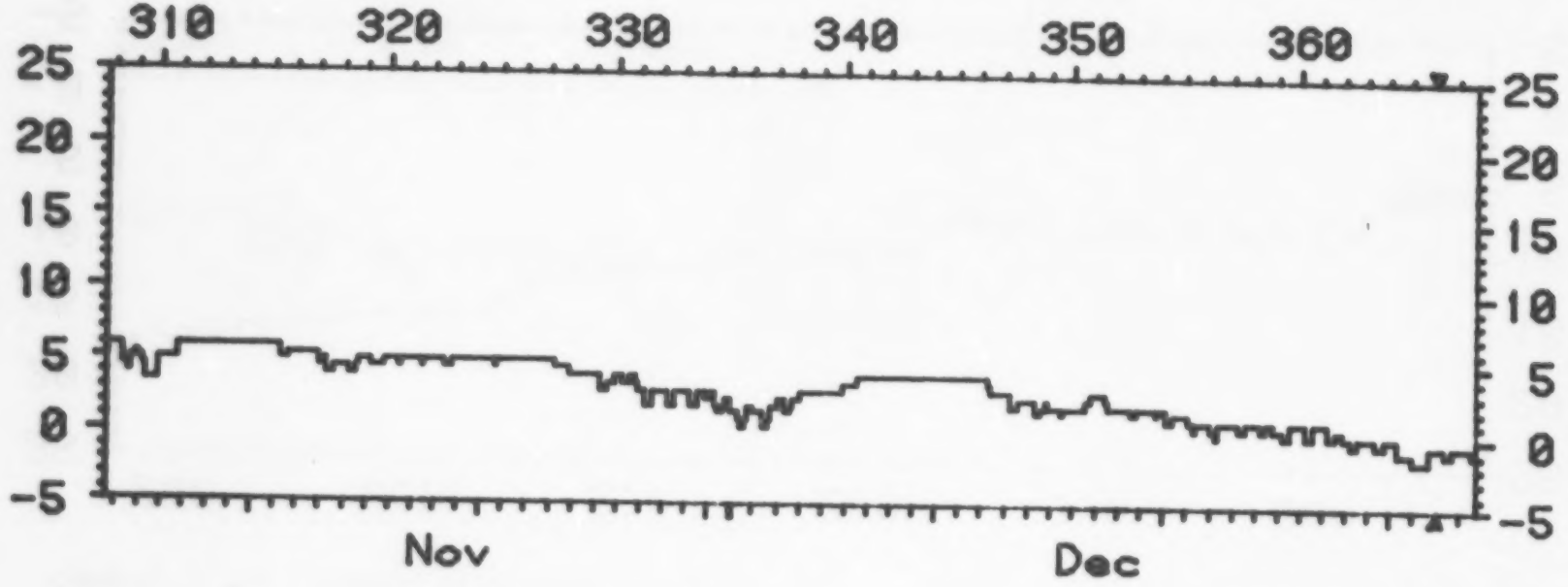
Instrument : 60860

Station 62A

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 2)

Pos. : 47.40, 61.84 Depth : 20.0 meters

Nov 3, 1981 18:00 GMT to Jan 2, 1982 18:00 GMT



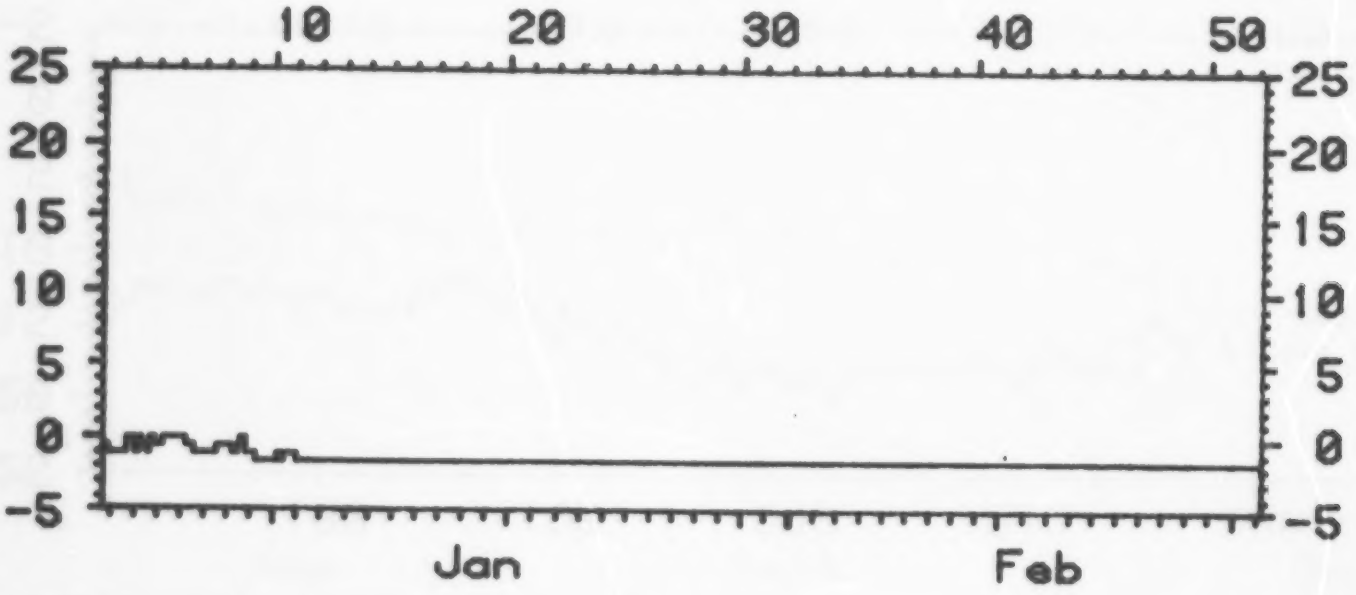
Instrument : 60860

Station 62A (continued)

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 3)

Pos. : 47.40, 61.84 Depth : 20.0 meters

Jan 2, 1982 18:00 GMT to Feb 21, 1982 06:00 GMT



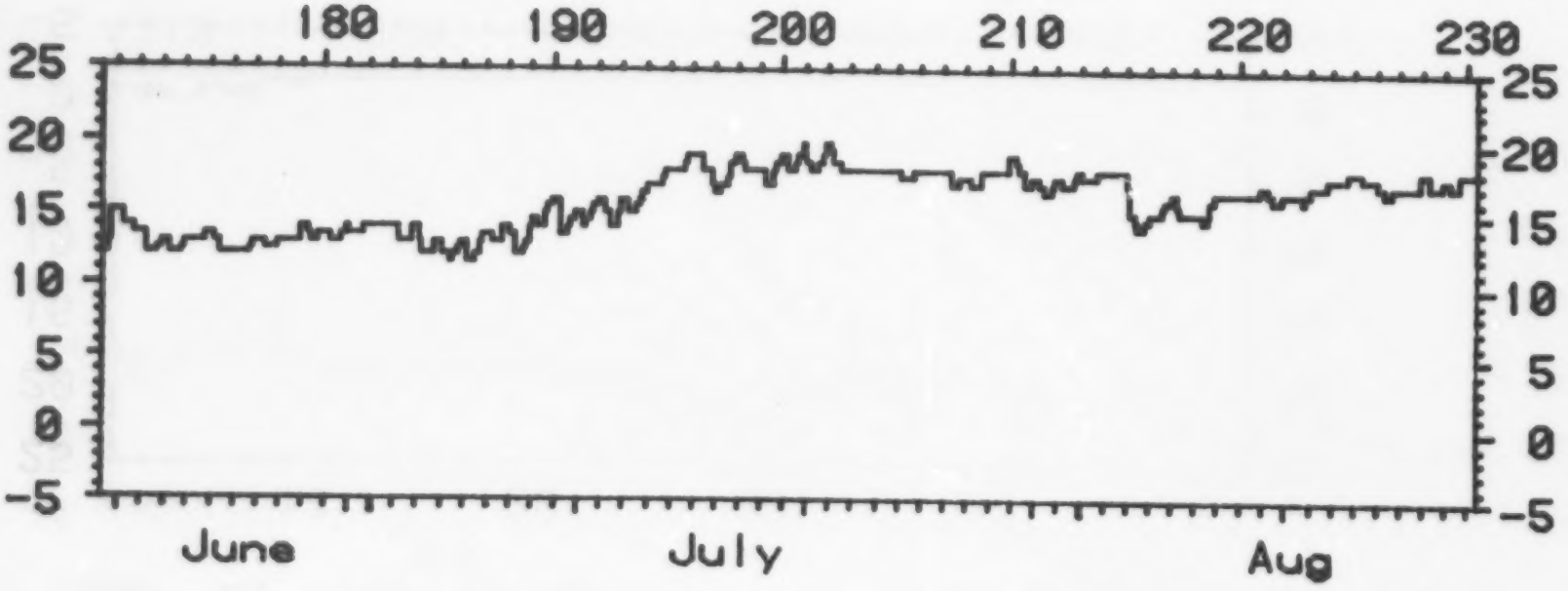
Instrument : 60860

Station 62A (continued)

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 1)

Pos. : 47.42, 61.87 Depth : 20.0 meters

June 19, 1982 08:30 GMT to Aug 18, 1982 08:30 GMT



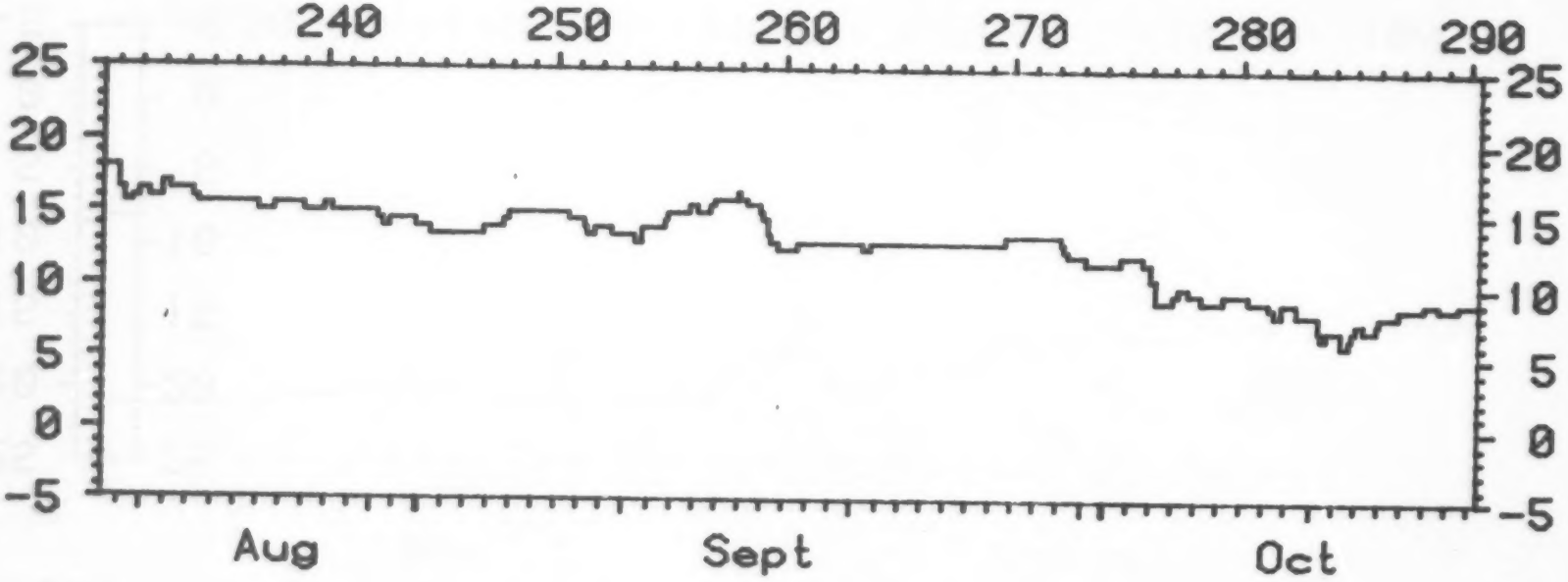
Instrument : 62472

Station 628

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 2)

Pos. : 47.42, 61.87 Depth : 20.0 meters

Aug 18, 1982 08:30 GMT to Oct 17, 1982 08:30 GMT

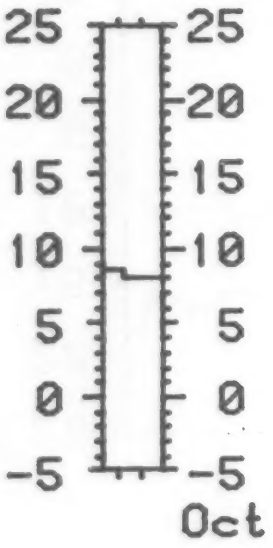


Instrument : 62472

MAGDALEN ISLANDS - HAVRE AUX MAISONS (Page 3)

Pos. : 47.42, 61.87 Depth : 20.0 meters

Oct 17, 1982 08:30 GMT to Oct 19, 1982 20:30 GMT

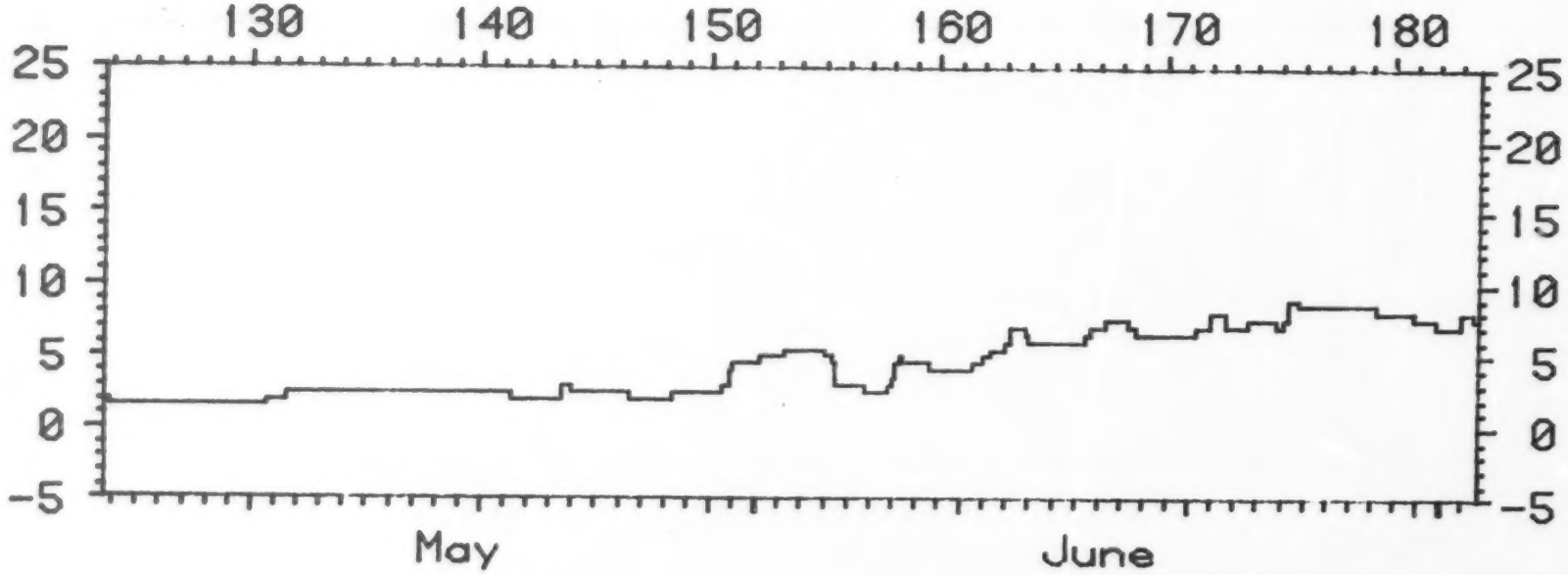


Instrument : 62472

MAGDALEN ISLANDS - DUNE DU SUD PQ (Page 1)

Pos. : 47.53, 61.67 Depth : 18.0 meters

May 3, 1982 16:00 GMT to July 2, 1982 16:00 GMT



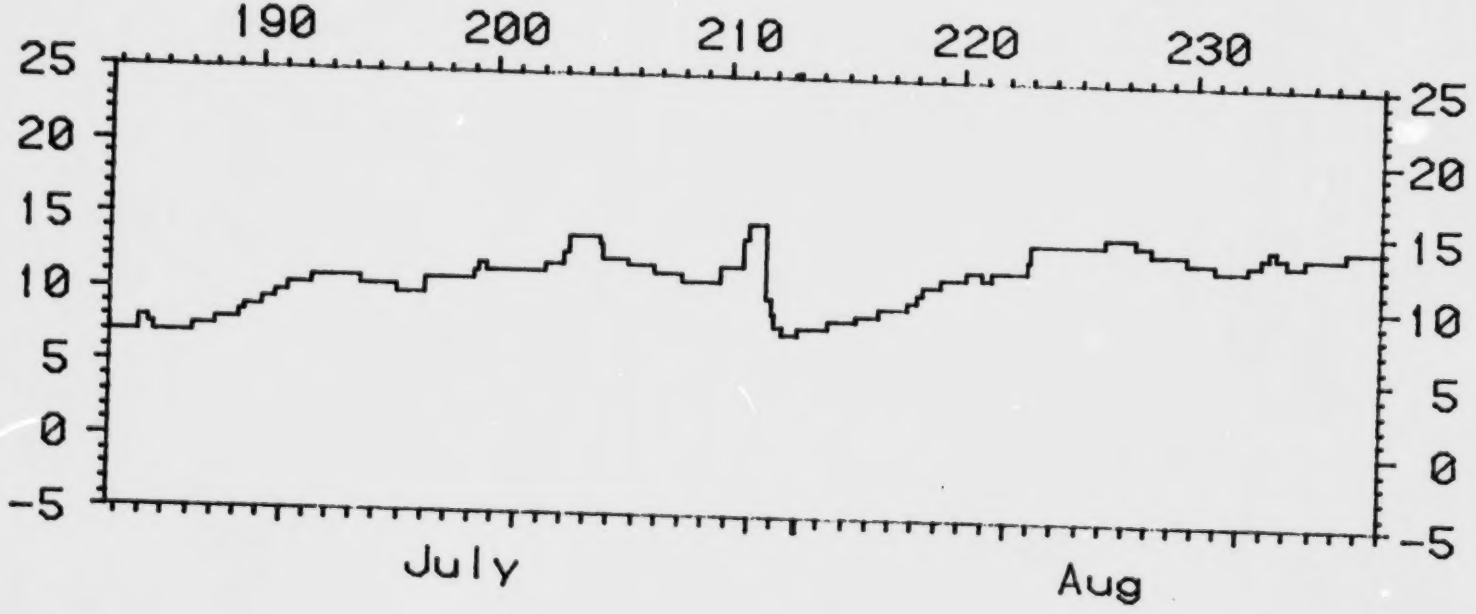
Instrument : 62546

Station 63A

MAGDALEN ISLANDS - DUNE DU SUD PQ (Page 2)

Pos. : 47.53, 61.67 Depth : 18.0 meters

July 2, 1982 16:00 GMT to Aug 26, 1982 00:00 GMT



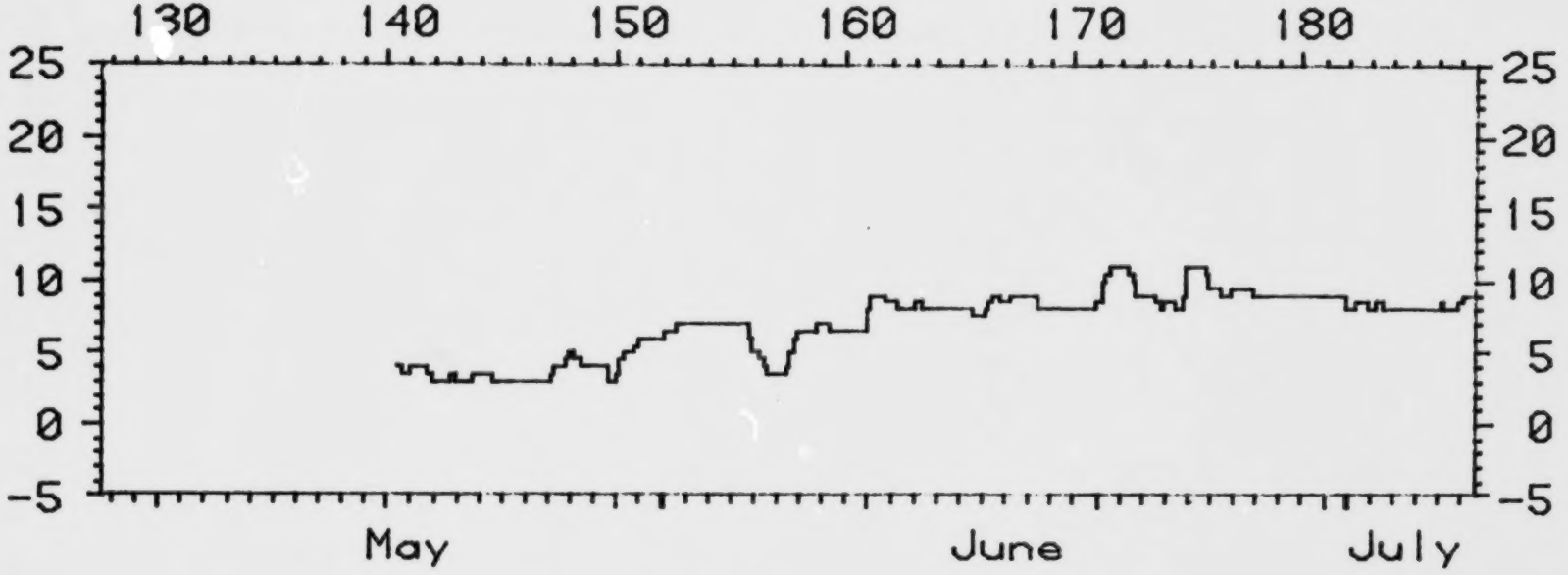
Instrument : 62546

Station 63A (continued)

MAGDALEN ISLANDS - DUNE DU SUD PQ (Page 1)

Pos. : 47.52, 61.57 Depth : 26.0 meters

May 7, 1982 14:00 GMT to July 6, 1982 14:00 GMT

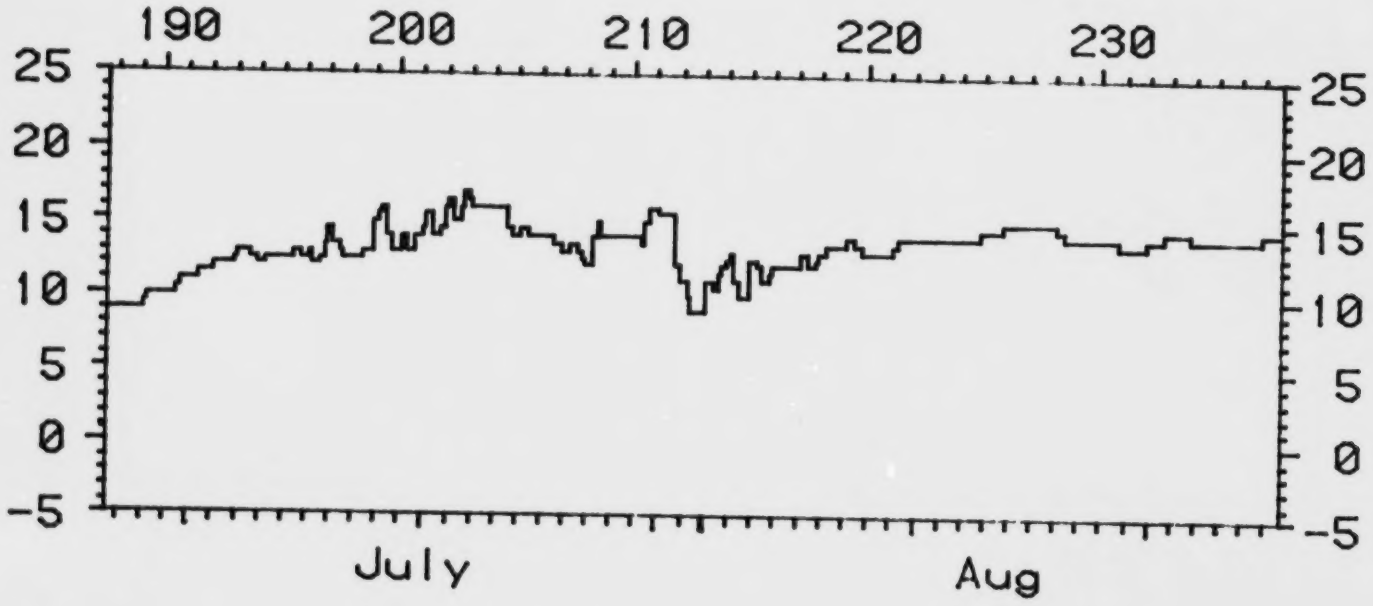


Instrument : 62475

MAGDALEN ISLANDS - DUNE DU SUD PQ (Page 2)

Pos. : 47.52, 61.57 Depth : 26.0 meters

July 6, 1982 14:00 GMT to Aug 25, 1982 18:00 GMT

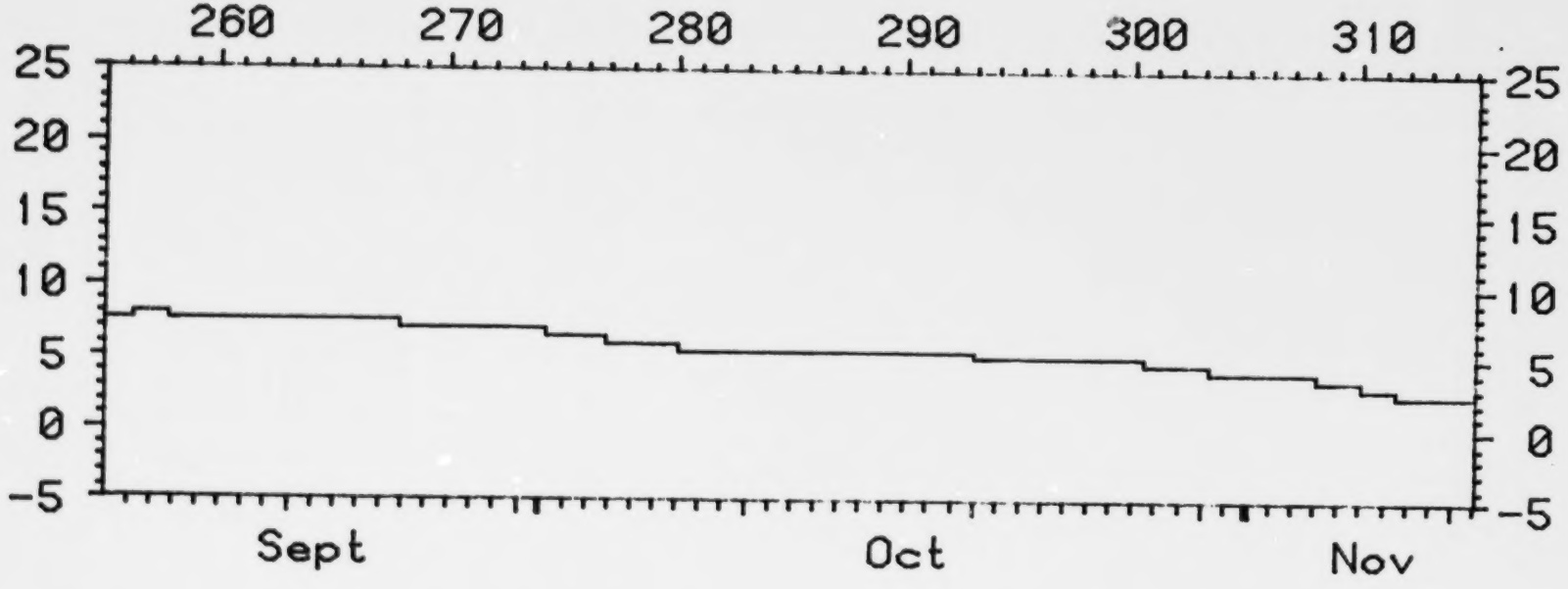


Instrument : 62475

MAGDALEN ISLANDS - SHAG ISLAND PQ (Page 1)

Pos. : 47.47, 61.65 Depth : 18.0 meters

Sept 12, 1981 01:30 GMT to Nov 11, 1981 01:30 GMT



Instrument : 61626

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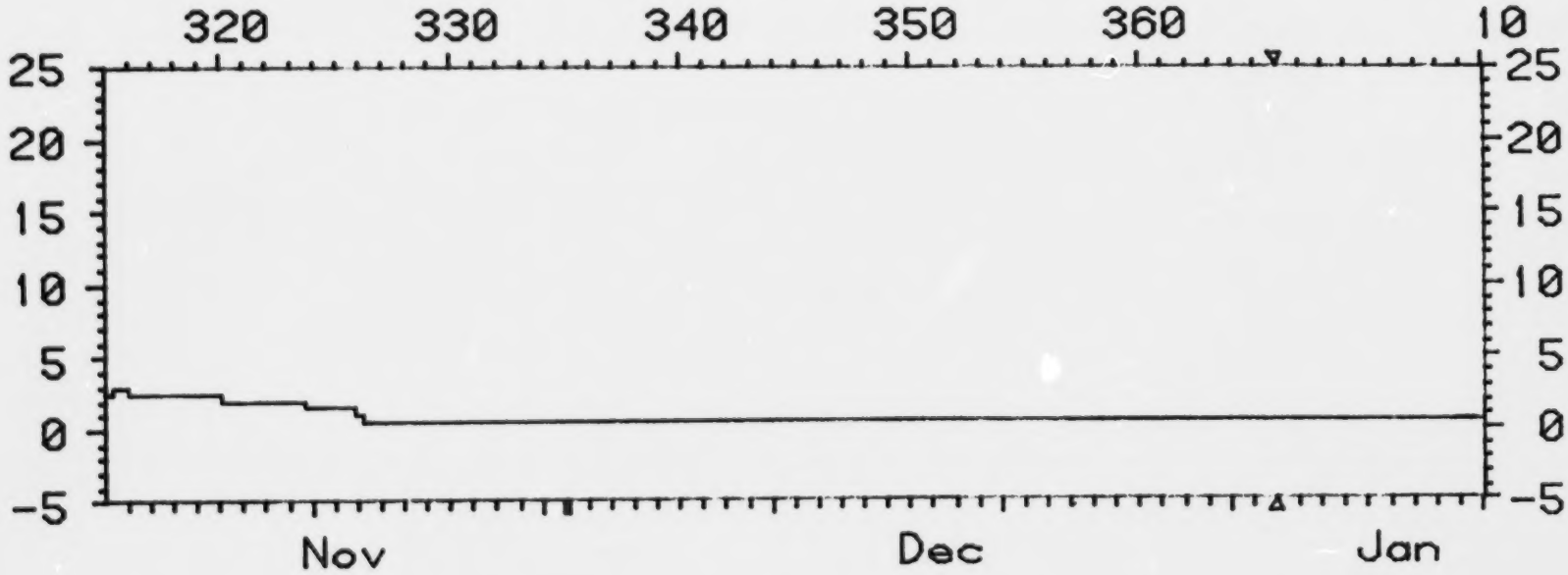
Station 64

MAGDALEN ISLANDS - SHAG ISLAND PQ (Page 2)

Pos. : 47.47, 61.65 Depth : 18.0 meters

Nov 11, 1981 01:30 GMT to Jan 10, 1982 01:30 GMT



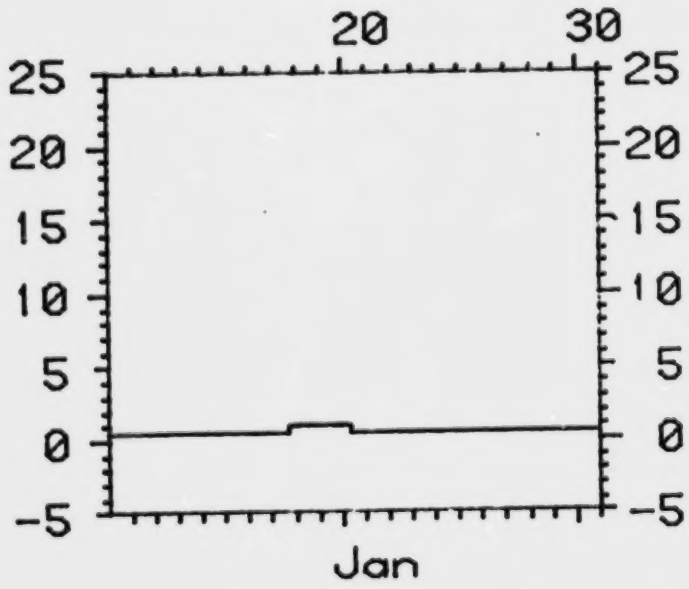
Instrument : 61626

Station 64 (continued)

MAGDALEN ISLANDS - SHAG ISLAND PQ (Page 3)

Pos. : 47.47, 61.65 Depth : 18.0 meters

Jan 10, 1982 01:30 GMT to Jan 31, 1982 01:30 GMT



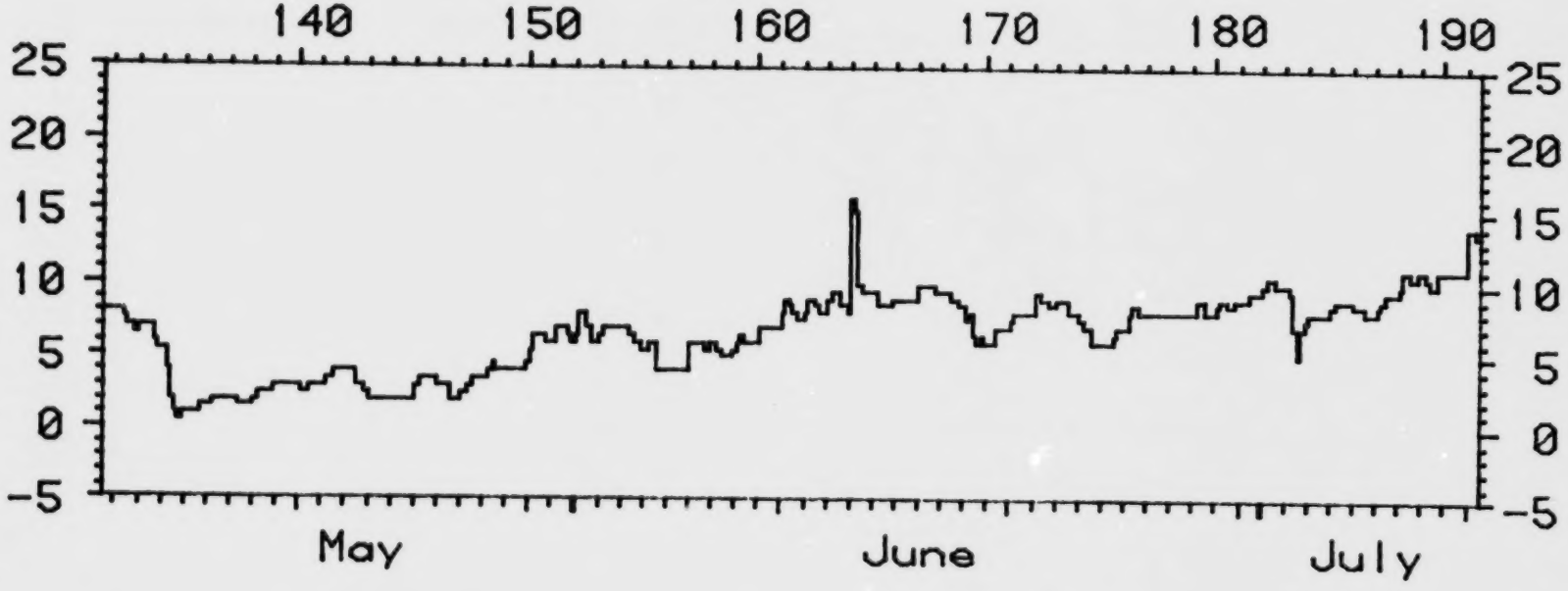
Instrument : 61626

Station 64 (continued)

BONNE BAY NFLD

Pos. : 49.60, 57.92 Depth : 34.0 meters

May 11, 1982 13:00 GMT to July 10, 1982 13:00 GMT

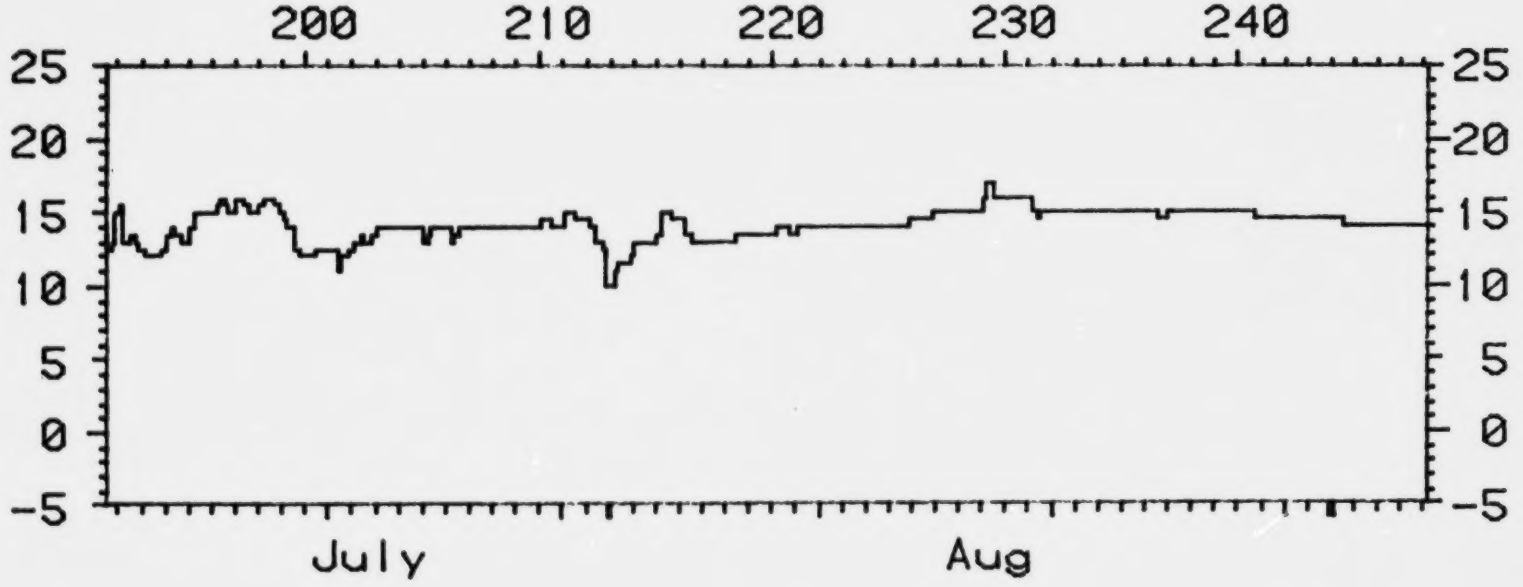


Instrument : 61676

BONNE BAY NFLD (Page 2)

Pos. : 49.60, 57.92 Depth : 34.0 meters

July 10, 1982 13:00 GMT to Sept 5, 1982 05:00 GMT



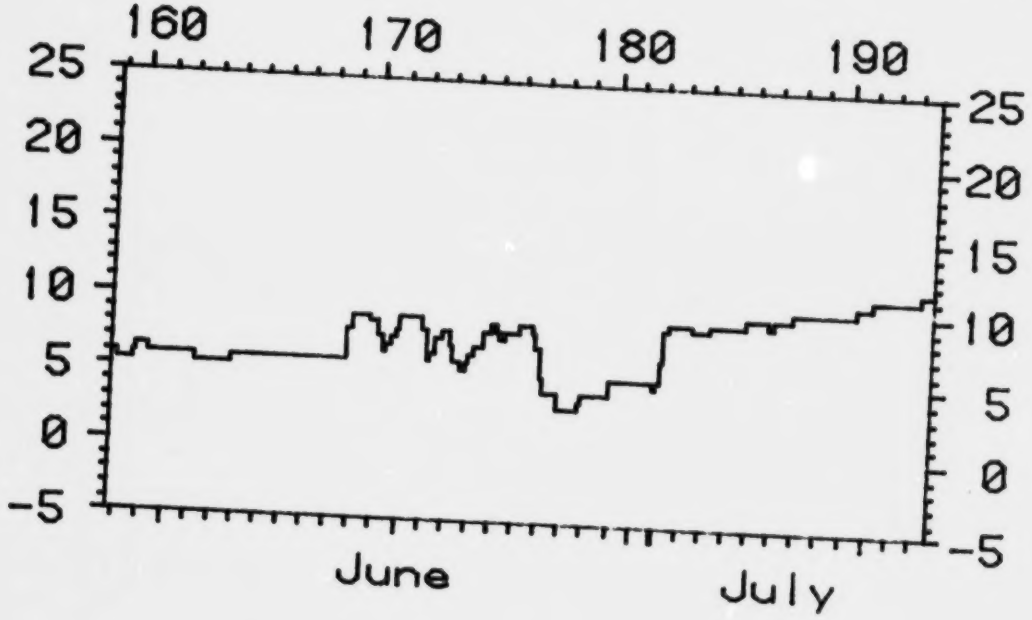
Instrument : 61676

Station 65 (continued)

PARSONS POND NFLD

Pos. : 50.00, 57.72 Depth : 22.0 meters

June 7, 1982 18:30 GMT to July 12, 1982 18:30 GMT



Instrument : 61636

Station 68

SECTION 10

AREA 1: Scotia-Fundy

Mean Daily Temperatures, Degree Days

GRAND MANAN - LONG ISLAND BAY *

Station	Depth	Latitude	Longitude	Start
1A	25.0	44.75	66.75	July 20, 1982 11:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
201	8.00	8.00	5.33
202	8.00	16.00	9.33
203	8.00	24.00	13.33
204	8.00	32.00	17.33
205	8.00	40.00	21.33
206	8.00	48.00	25.33
207	8.00	56.00	29.33
208	8.00	64.00	33.33
209	8.00	72.00	37.33
210	8.00	80.00	41.33
211	8.00	88.00	45.33
212	8.25	96.25	49.58

Estimated Deg. Days (D) for July/82 = 229.52

213	8.50	104.75	54.00
214	8.50	113.25	58.58
215	8.25	121.50	62.83
216	8.33	129.83	67.17
217	8.50	138.33	71.67
218	8.50	146.83	76.17
219	8.50	155.33	80.67
220	8.50	163.83	85.17
221	8.50	172.33	91.00

GRAND MANAN - LONG ISLAND BAY *

Station	Depth	Latitude	Longitude	Start
18	25.0	44.75	66.75	Aug 9, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (1)	Deg. Day (4)
221	9.00	9.00	5.00
222	9.00	18.00	10.00
223	9.00	27.00	15.00
224	9.00	36.00	20.00
225	9.00	45.00	25.00
226	9.00	54.00	30.00
227	9.00	63.00	35.00
228	9.00	72.00	40.00
229	9.00	81.00	45.00
230	9.00	90.00	50.00
231	9.00	99.00	55.00
232	9.00	108.00	60.00
233	9.00	117.00	65.00
234	9.00	126.00	70.00
235	9.00	135.00	75.00
236	9.00	144.00	80.00
237	9.00	153.00	85.00
238	9.00	162.00	90.00
239	9.00	171.00	95.00
240	9.08	180.08	100.08
241	9.50	189.58	105.58
242	9.50	199.08	111.08
243	9.50	208.58	116.58
Estimated Deg. Days (1) for Aug/82 = 269.42			
244	9.50	218.08	122.08
245	9.50	227.58	128.58

GRAND MANAN - LONG ISLAND BAY *

Station	Deptn	Latitude	Longitude	Start
1C	25.0	44.75	66.75	Sept 2, 1982 11:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
245	9.50	9.50	6.83
246	9.50	19.00	12.33
247	9.50	28.50	17.83
248	9.50	38.00	23.33
249	9.50	47.50	28.83
250	9.50	57.00	34.33
251	9.50	66.50	39.83
252	9.50	76.00	45.33
253	9.50	85.50	50.83
254	10.00	95.50	56.83
255	10.00	105.50	62.83
256	10.00	115.50	68.83
257	10.00	125.50	74.83
258	10.00	135.50	80.83
259	10.00	145.50	86.83
260	10.00	155.50	92.83
261	10.00	165.50	98.83
262	10.00	175.50	104.83
263	10.00	185.50	110.83
264	10.00	195.50	116.83
265	10.00	205.50	122.83
266	10.42	215.92	129.25
267	10.00	225.92	135.25
268	10.00	235.92	141.25
269	10.00	245.92	147.25
270	10.00	255.92	153.25
271	10.00	265.92	159.25
272	10.00	275.92	165.25
273	10.00	285.92	172.25

Estimated Deg. Days (D) for Sept/82 = 295.75

GRAND MANAN - LONG ISLAND BAY *

Station ID	Deptn	Latitude	Longitude	Start
	25.0	44.75	66.75	Sept 30, 1982 13:40 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
273	11.00	11.00	8.33
274	11.00	22.00	15.33
275	11.00	33.00	22.33
276	11.00	44.00	29.33
277	11.00	55.00	36.33
278	11.00	66.00	43.33
279	11.00	77.00	50.33
280	11.00	88.00	57.33
281	10.67	98.67	64.00
282	10.50	109.17	70.50
283	10.50	119.67	77.00
284	10.50	130.17	83.50
285	10.50	140.67	90.00
286	10.50	151.17	96.50
287	10.50	161.67	103.00
288	10.50	172.17	109.50
289	10.50	182.67	116.00
290	10.50	193.17	122.50
291	10.50	203.67	129.00
292	10.50	214.17	135.50
293	10.50	224.67	142.00
294	10.50	235.17	148.50
295	10.50	245.67	155.00
296	10.125	255.92	161.25
297	10.100	265.92	167.25
298	10.100	275.92	173.25
299	10.100	285.92	179.25
300	10.100	295.92	185.25
301	10.100	305.92	191.25
302	10.100	315.92	197.25
303	10.00	325.92	203.25
304	10.100	335.92	209.25

Total Deg. Days (D) for Oct/82 = 324.92

305	10.00	345.92	215.25
306	10.100	355.92	221.78

KENNEBECASIS BAY HEAD OF THE BLUFF NB

Station	Depth	Latitude	Longitude	Start
2A	54.0	45.35	66.07	Oct 27, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
300	9.00	9.00	5.00
301	9.00	18.00	10.00
302	9.00	27.00	15.00
303	9.00	36.00	20.00
304	9.00	45.00	25.00
305	9.00	54.00	30.00
306	9.00	63.00	35.00
307	9.00	72.00	40.00
308	9.00	81.00	45.00
309	9.00	90.00	50.00
310	9.00	99.00	55.00
311	9.00	108.00	60.00
312	9.00	117.00	65.00
313	9.00	126.00	70.00
314	9.00	135.00	75.00
315	9.00	144.00	80.00
316	9.00	153.00	85.00
317	9.00	162.00	90.00
318	9.00	171.00	95.00
319	9.00	180.00	100.00
320	9.00	189.00	105.00
321	9.00	198.00	110.00
322	9.00	207.00	115.00
323	9.00	216.00	120.00
324	9.00	225.00	125.00
325	9.00	234.00	130.00
326	9.00	243.00	135.00
327	9.00	252.00	140.00
328	9.00	261.00	145.00
329	9.00	270.00	150.00
330	9.00	279.00	155.00
331	9.00	288.00	160.00
332	9.00	297.00	165.00
333	9.00	306.00	170.00
334	9.00	315.00	175.00

Total Deg. Days (0) for Nov/81 = 270.00

335	9.00	324.00	180.00
336	9.00	333.00	185.00
337	9.00	342.00	190.00
338	9.00	351.00	195.53

KENNEBECASIS BAY HEAD OF THE BLUFF NB

Station	Depth	Latitude	Longitude	Start
28	49.0	45.36	66.08	Dec 4, 1981 20:38 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
338		* NO DATA *	
339	7.42	7.42	3.42
340	7.50	14.92	6.92
341	7.50	22.42	10.42
342	7.50	29.92	13.92
343	7.50	37.42	17.42
344	7.50	44.92	20.92
345	7.50	52.42	24.42
346	7.50	59.92	27.92
347	7.50	67.42	31.42
348	7.50	74.92	34.92
349	7.50	82.42	38.42
330	7.50	89.92	41.92
351	7.50	97.42	45.42
352	7.50	104.92	48.92
353	7.50	112.42	52.42
354	7.50	119.92	55.92
355	7.50	127.42	59.42
356	7.50	134.92	62.92
357	7.50	142.42	66.42
358	7.50	149.92	69.92
359	7.50	157.42	73.42
360	7.50	164.92	76.92
361	7.50	172.42	80.42
362	7.50	179.92	83.92
363	7.50	187.42	87.42
364	7.50	194.92	90.92
365	7.50	202.42	94.42

Estimated Deg. Days (C) for Dec/81 = 216.38

1	7.50	209.92	97.92
2	7.50	217.42	101.42
3	7.50	224.92	104.92
4	7.50	232.42	108.42
5	7.50	239.92	111.92
6	7.50	247.42	115.42
7	7.50	254.92	118.92
8	7.50	262.42	122.42
9	7.50	269.92	125.92
10	7.50	277.42	129.42
11	7.50	284.92	132.92
12	7.50	292.42	136.42
13	7.50	299.92	139.92
14	7.50	307.42	143.42
15	7.50	314.92	146.92
16	7.50	322.42	150.42
17	7.50	329.92	153.92
18	7.50	337.42	157.42
19	7.00	344.42	160.42

KENNEBECASIS BAY HEAD OF THE BLUFF NB ... continued

Station	Deptn	Latitude	Longitude	Start
28	49.0	45.36	66.08	Dec 4, 1981 20:38 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (4)
20	5.183	350.25	162.25
21	5.00	355.25	163.25
22	5.00	360.25	164.25
23	5.00	365.25	165.25
24	4.50	369.75	165.75
25	4.50	374.25	166.25
26	4.50	378.75	166.75
27	4.50	383.25	167.25
28	4.50	387.75	167.75
29	4.75	392.50	168.50
30	5.00	397.50	169.50
31	4.50	402.00	170.00

Total Deg. Days (J) for Jan/82 = 199.38

32	4.75	406.75	170.75
33	5.00	411.75	171.75
34	5.00	416.75	172.75
35	5.00	421.75	173.75
36	4.75	426.50	174.50
37	4.50	431.00	175.00
38	4.50	435.50	175.50
39	4.00	439.50	175.50
40	3.50	443.00	175.50
41	3.50	446.50	175.50
42	3.50	450.00	175.50
43	3.00	453.00	175.50
44	3.00	456.00	175.50
45	3.00	459.00	175.50
46	3.00	462.00	175.50
47	3.00	465.00	175.50
48	3.00	468.00	175.50
49	3.00	471.00	175.50
50	3.00	474.00	175.50
51	3.00	477.00	175.50
52	3.00	480.00	175.50
53	3.00	483.00	175.50
54	3.00	486.00	175.50
55	3.00	489.00	175.50
56	3.00	492.00	175.50
57	3.00	495.00	175.50
58	3.00	498.00	175.50
59	3.00	501.00	175.50

Total Deg. Days (0) for Feb/82 = 99.00

60	3.00	504.00	175.50
61	3.00	507.00	175.50
62	3.00	510.00	175.50
63	3.00	513.00	175.50

KENNEBECASIS BAY HEAD OF THE BLUFF NB ... continued

Station	Deptn	Latitude	Longitude	Start
28	49.0	45.36	65.08	Dec 4, 1981 20:36 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
64	3.00	516.00	175.50
65	3.00	519.00	175.50
66	3.00	522.00	175.50
67	3.00	525.00	175.50
68	3.00	528.00	175.50
69	3.00	531.00	175.50
70	3.00	534.00	175.50
71	3.00	537.00	175.50
72	3.00	540.00	175.50
73	3.00	543.00	175.50
74	2.58	545.58	175.50
75	2.50	548.08	175.50
76	2.50	550.58	175.50
77	2.50	553.08	175.50
78	2.50	555.58	175.50
79	2.50	558.08	175.50
80	2.50	560.58	175.50
81	2.50	563.08	175.50
82	2.50	565.58	175.50
83	2.50	568.08	175.50
84	2.50	570.58	175.50
85	2.50	573.08	175.50
86	2.50	575.58	175.50
87	2.50	578.08	175.50
88	2.50	580.58	175.50
89	2.50	583.08	175.50
90	2.25	585.33	175.50

Total Deg. Days (D) for Mar/82 = 84.33

91	2.00	587.33	175.50
92	2.00	589.33	175.50
93	2.00	591.33	175.50
94	2.00	593.33	175.50
95	2.00	595.33	175.50
96	2.00	597.33	175.50
97	2.00	599.33	175.50
98	2.00	601.33	175.50
99	2.00	603.33	175.50
100	2.00	605.33	175.50
101	2.00	607.33	175.50
102	2.00	609.33	175.50
103	2.00	611.33	175.50
104	2.00	613.33	175.50
105	2.00	615.33	175.50
106	2.00	617.33	175.50
107	2.00	619.33	175.50
108	2.00	621.33	175.50
109	2.00	623.33	175.50
110	2.00	625.33	175.50

KENNEBECASIS BAY HEAD OF THE BLUFF NB ... continued

Station	Deptn	Latitude	Longitude	Start
2B	49.0	45.36	66.06	Dec 4, 1981 20:3c GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
111	2.00	627.33	175.50
112	2.00	629.33	175.50
113	2.00	631.33	175.50
114	2.00	633.33	175.50

Estimated Deg. Days (C) for Apr/82 = 60.00

KENNEBECASIS BAY HEAD OF THE BLUFF NB

Station	Depth	Latitude	Longitude	Start
2C	44.0	45.36	66.08	June 21, 1982 18:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
172	5.00	5.00	1.00
173	4.67	9.67	1.67
174	5.92	15.58	3.58
175	6.92	22.50	6.50
176	7.17	29.67	9.67
177	7.67	37.33	13.33
178	7.67	45.00	17.00
179	7.50	52.50	20.50
180	7.25	59.75	23.75
181	7.42	67.17	27.17
Estimated Deg. Days (0) for June/82 =		183.18	
182	7.00	74.17	30.17
183	7.00	81.17	33.17
184	6.83	88.00	36.00
185	7.00	95.00	39.00
186	6.83	101.83	41.83
187	7.00	108.83	44.83
188	7.00	115.83	47.83
189	7.00	122.83	50.83
190	7.00	129.83	53.83
191	7.00	136.83	56.83
192	6.92	143.75	59.75
193	6.92	150.67	62.67
194	7.00	157.67	65.67
195	7.00	164.67	68.67
196	7.00	171.67	71.67
197	7.00	178.67	74.67
198	7.50	186.17	78.17
199	8.33	194.50	82.50
200	9.50	204.00	88.00
201	10.17	214.17	94.17
202	10.83	225.00	101.00
203	11.42	236.42	108.42
204	11.50	247.92	115.92
205	11.25	259.17	123.17
206	11.00	270.17	130.17
207	11.00	281.17	137.17
208	11.00	292.17	144.17
209	11.00	303.17	151.17
210	10.83	314.00	158.00
211	10.58	324.58	164.58
212	10.50	335.08	171.08
Total Deg. Days (0) for July/82 =		267.92	
213	10.33	345.42	177.42
214	10.00	355.42	183.42
215	10.00	365.42	189.42

KENNEBECASIS BAY HEAD OF THE BLUFF NB ... continued

Station	Deptn	Latitude	Longitude	Start
2C	44.0	45.36	66.08	June 21, 1982 18:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
216	10.00	375.42	195.42
217	10.00	385.42	201.42
218	10.00	395.42	207.42
219	10.00	405.42	213.42
220	9.50	414.92	218.92
221	9.50	424.42	224.42
222	9.50	433.92	229.92
223	9.50	443.42	235.42
224	9.50	452.92	240.92
225	9.50	462.42	246.42
226	9.50	471.92	251.92
227	9.50	481.42	257.42
228	9.50	490.92	262.92
229	9.75	500.67	268.67
230	10.17	510.83	274.83
231	10.92	521.75	281.75
232	11.00	532.75	288.75
233	11.00	543.75	295.75
234	11.00	554.75	304.08

Estimated Deg. Days (0) for Aug/82 = 309.53

KENNEBECASIS BAY HEAD OF THE BLUFF NB

Station	Depth	Latitude	Longitude	Start
2D	44.0	45.36	66.08	Aug 23, 1982 17:15 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
235	12.50	12.50	8.50
236	12.00	24.50	16.50
237	12.00	36.50	24.50
238	12.00	48.50	32.50
239	12.00	60.50	40.50
240	12.00	72.50	48.50
241	12.00	84.50	56.50
242	12.00	96.50	64.50
243	11.83	108.33	72.33
Estimated Deg. Days (C) for Aug/82 =		335.33	
244	11.50	119.83	79.83
245	11.50	131.33	87.33
246	11.50	142.83	94.83
247	11.50	154.33	102.33
248	11.50	165.83	109.83
249	11.50	177.33	117.33
250	11.00	188.33	124.33
251	11.00	199.33	131.33
252	11.00	210.33	138.33
253	11.00	221.33	145.33
254	11.00	232.33	152.33
255	11.00	243.33	159.33
256	11.00	254.33	166.33
257	11.00	265.33	173.33
258	11.00	276.33	180.33
259	10.50	286.83	186.83
260	10.50	297.33	193.33
261	10.50	307.83	199.83
262	10.50	318.33	206.33
263	10.50	328.83	212.83
264	10.33	339.17	219.17
265	10.00	349.17	225.17
266	10.00	359.17	231.17
267	10.00	369.17	237.17
268	10.00	379.17	243.17
269	10.00	389.17	249.17
270	10.00	399.17	255.17
271	10.00	409.17	261.17
272	10.00	419.17	267.17
273	10.00	429.17	273.17
Total Deg. Days (C) for Sept/82 =		320.83	
274	10.00	439.17	279.17
275	10.00	449.17	285.17
276	10.00	459.17	291.17
277	10.00	469.17	297.17
278	10.00	479.17	303.17

KENNEBECASIS BAY HEAD OF THE BLUFF NB ... continued

Station	Depth	Latitude	Longitude	Start
2D	44.0	45.36	66.06	Aug 23, 1982 17:15 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
279	10.83	489.50	309.50
280	10.50	500.00	316.00
281	10.75	510.75	322.75
282	10.83	521.58	329.58
283	10.50	532.08	336.08
284	10.67	542.75	342.75
285	10.58	553.33	349.33
286	10.50	563.83	355.83
287	10.50	574.33	362.33
288	10.83	585.17	369.17
289	11.00	596.17	376.17
290	11.00	607.17	383.17
291	11.00	618.17	390.17
292	11.00	629.17	397.17
293	11.00	640.17	404.17
294	11.00	651.17	411.17
295	11.00	662.17	418.17
296	11.00	673.17	425.17
297	11.00	684.17	432.17
298	11.00	695.17	439.17
299	11.00	706.17	446.17
300	11.00	717.17	453.17
301	11.00	728.17	460.17
302	11.00	739.17	467.17
303	11.00	750.17	474.17
304	11.00	761.17	481.17

Total Deg. Days (C) for Oct/82 = 332.00

305	11.00	772.17	488.17
306	11.00	783.17	495.17
307	11.00	794.17	502.17
308	11.00	805.17	509.17
309	11.00	816.17	516.17
310	11.00	827.17	523.17
311	11.00	838.17	530.17
312	11.00	849.17	537.17
313	11.00	860.17	544.17
314	11.00	871.17	551.17
315	11.00	882.17	558.17
316	11.00	893.17	565.17
317	11.00	904.17	572.17
318	11.00	915.17	579.17
319	11.00	926.17	586.17
320	11.00	937.17	593.17
321	11.00	948.17	600.17

Estimated Deg. Days (C) for Nov/82 = 330.00

KENNEBECASIS BAY MINISTERS FACE NB

Station	Depth	Latitude	Longitude	Start
2E	40.0	45.40	66.02	June 23, 1982 14:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
174	4.25	4.25	1.58
175	4.00	8.25	1.58
176	4.00	12.25	1.58
177	4.42	16.67	2.00
178	4.67	21.33	2.67
179	5.00	26.33	3.67
180	5.33	31.67	5.00
181	5.50	37.17	6.50
182	5.58	42.75	8.08
183	5.58	48.33	9.67
184	5.50	53.83	11.17
185	5.50	59.33	12.67
186	5.50	64.83	14.17
187	5.50	70.33	15.67
188	5.50	75.83	17.17
189	5.50	81.33	18.67
190	5.50	86.83	20.17
191	5.50	92.33	21.67
192	5.50	97.83	23.17
193	5.50	103.33	24.67
194	5.50	108.83	26.17
195	5.50	114.33	27.67
196	5.50	119.83	29.17
197	5.50	125.33	30.67
198	5.50	130.83	32.17
199	5.50	136.33	33.67
200	5.67	142.00	35.33
201	6.00	148.00	37.33
202	6.00	154.00	39.33
203	6.33	160.33	41.67
204	6.92	167.25	44.58
205	7.83	175.08	48.42
206	8.00	183.08	52.42
207	8.00	191.08	56.42
208	8.33	199.42	60.75
209	8.50	207.92	65.25
210	9.00	216.92	70.25
211	9.00	225.92	75.25
212	8.58	234.50	79.83

Total Deg. Days (0) for July/82 = 197.33

213	8.50	243.00	84.33
214	8.50	251.50	88.83
215	8.50	260.00	93.33
216	8.50	268.50	97.83
217	8.50	277.00	102.33
218	8.50	285.50	106.83
219	8.50	294.00	111.33
220	8.50	302.50	115.83

KENNEBECASIS BAY MINISTERS FACE NB ... continued

Station	Depth	Latitude	Longitude	Start
2E	40.0	45.40	66.02	June 23, 1982 14:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
221	8.50	311.00	120.33
222	8.50	319.50	124.83
223	8.50	328.00	129.33
224	8.50	336.50	133.83
225	8.50	345.00	138.33
226	8.50	353.50	142.83
227	8.50	362.00	147.33
228	8.50	370.50	151.83
229	8.50	379.00	156.33
230	8.50	387.50	160.83
231	8.50	396.00	165.33
232	8.50	404.50	169.83
233	8.50	413.00	174.33
234	8.50	421.50	178.83
235	8.50	430.00	183.33
236	8.50	438.50	187.83
237	8.50	447.00	192.33
238	9.00	456.00	197.33
239	9.00	465.00	203.33

Estimated Deg. Days (C) for Aug/82 = 264.55

KENNEBECASIS BAY MINISTERS FACE NB

Station	Depth	Latitude	Longitude	Start
2F	40.9	45.46	66.02	Sept 1, 1982 13:18 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (4)
244	10.25	10.25	7.58
245	10.00	20.25	13.58
246	10.00	30.25	19.58
247	10.00	40.25	25.58
248	10.00	50.25	31.58
249	10.00	60.25	37.58
250	10.00	70.25	43.58
251	10.00	80.25	49.58
252	10.00	90.25	55.58
253	10.00	100.25	61.58
254	10.00	110.25	67.58
255	10.00	120.25	73.58
256	10.00	130.25	79.58
257	10.00	140.25	85.58
258	10.00	150.25	91.58
259	9.92	160.17	97.50
260	9.50	169.67	103.00
261	9.50	179.17	108.50
262	9.50	188.67	114.00
263	9.50	198.17	119.50
264	9.50	207.67	125.00
265	9.50	217.17	130.50
266	9.50	226.67	136.00
267	9.50	236.17	141.50
268	9.50	245.67	147.00
269	9.50	255.17	152.50
270	9.50	264.67	158.00
271	9.50	274.17	163.50
272	9.50	283.67	169.00
273	9.50	293.17	174.50

Total Deg. Days (0) for Sept/82 = 293.17

274	9.50	302.67	180.00
275	9.50	312.17	185.50
276	9.50	321.67	191.00
277	9.50	331.17	196.50
278	9.50	340.67	202.00
279	9.50	350.17	207.50
280	9.50	359.67	213.00
281	9.42	369.08	218.42
282	9.00	378.08	223.42
283	9.00	387.08	228.42
284	9.00	396.08	233.42
285	9.00	405.08	238.42
286	9.00	414.08	243.42
287	9.00	423.08	248.42
288	9.00	432.08	253.42
289	9.00	441.08	258.42
290	9.00	450.08	263.42

KENNEBECASIS BAY MINISTERS FACE NB ... continued

Station	Depth	Latitude	Longitude	Start
2F	40.0	45.40	66.02	Sept 1, 1982 13:18 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
291	9.00	459.08	268.42
292	9.00	468.08	273.42
293	9.00	477.08	278.42
294	9.00	486.08	283.42
295	9.00	495.08	288.42
296	9.00	504.08	293.42
297	9.00	513.08	298.42
298	9.00	522.08	303.42
299	9.00	531.08	308.42
300	9.00	540.08	313.42
301	9.00	549.08	318.42
302	9.00	558.08	323.42
303	9.00	567.08	328.42
304	9.00	576.08	333.42

Total Deg. Days (C) for Oct/82 = 282.92

305	9.00	585.08	338.42
306	9.00	594.08	343.42
307	9.00	603.08	348.42
308	9.00	612.08	353.42
309	9.00	621.08	358.42
310	9.00	630.08	363.42
311	9.00	639.08	368.42
312	9.00	648.08	373.42
313	9.00	657.08	378.42
314	9.00	666.08	383.42
315	9.00	675.08	388.42
316	9.00	684.08	393.42
317	9.08	693.17	398.50
318	9.50	702.67	404.00
319	9.50	712.17	409.50
320	9.50	721.67	415.00
321	9.50	731.17	420.50
322	9.50	740.67	426.00
323	9.50	750.17	431.50

Estimated Deg. Days (C) for Nov/82 = 274.87

KENNEBECASIS BAY MC COLGAN POINT N3

Station	Deptn	Latitude	Longitude	Start
2G	33.0	45.32	66.11	June 23, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
174	7.50	7.50	4.83
175	6.17	13.67	7.00
176	6.42	20.08	9.42
177	6.33	26.42	11.75
178	6.00	32.42	13.75
179	6.17	38.58	15.92
180	6.00	44.58	17.92
181	6.00	50.58	19.92
182	6.00	56.58	21.92
183	6.00	62.58	23.92
184	6.00	68.58	25.92
185	6.00	74.58	27.92
186	6.00	80.58	29.92
187	6.00	86.58	31.92
188	6.00	92.58	33.92
189	6.00	98.58	35.92
190	6.00	104.58	37.92
191	6.00	110.58	39.92
192	6.00	116.58	41.92
193	6.17	122.75	44.08
194	7.00	129.75	47.08
195	6.83	136.58	49.92
196	7.00	143.58	52.92
197	7.17	150.75	56.08
198	7.17	157.92	59.25
199	7.58	165.50	62.83
200	8.50	174.00	67.33
201	8.75	182.75	72.08
202	9.17	191.92	77.25
203	8.67	200.58	81.92
204	8.08	208.67	86.00
205	8.17	216.83	90.17
206	7.92	224.75	94.08
207	7.67	232.42	97.75
208	7.83	240.25	101.58
209	7.50	247.75	105.08
210	7.17	254.92	108.25
211	7.33	262.25	111.58
212	7.00	269.25	114.58

Total Deg. Days (C) for July/82 = 218.57

213	7.08	276.33	117.67
214	7.00	283.33	120.67
215	7.25	290.58	123.92
216	7.42	298.00	127.33
217	7.50	305.50	130.83
218	7.83	313.33	134.67
219	8.00	321.33	138.67
220	7.83	329.17	142.50

KENNEBECASIS BAY MC COLGAN POINT NB ....continued

Station	Depth	Latitude	Longitude	Start
2G	33.0	45.32	66.11	June 23, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
221	7.192	337.08	146.42
222	8.00	345.08	150.42
223	8.00	353.08	154.42
224	8.25	361.33	158.67
225	8.17	369.50	162.83
226	8.33	377.83	167.17
227	8.25	386.08	171.42
228	9.17	395.25	176.58
229	9.00	404.25	181.58
230	9.17	413.42	186.75
231	9.50	422.92	192.25
232	9.25	432.17	197.50
233	9.50	441.67	203.00
234	10.00	451.67	209.00
235	9.67	461.33	214.67
236	9.67	471.00	220.33
237	9.33	480.33	225.67
238	9.42	489.75	231.08
239	9.08	498.83	236.17
240	8.92	507.75	241.08
241	9.08	516.83	246.17
242	9.00	525.83	251.17
243	9.00	534.83	256.17

Total Deg. Days (C) for Aug/82 = 265.58

244	8.90	543.73	261.00

KENNEBECASIS BAY MC CULGAN POINT N3

Station	Deptn	Latitude	Longitude	Start
2H	33.0	45.32	66.11	Sept 1, 1982 13:00 GMT

Day Number	Mean Temp.	Deg. Day (O)	Deg. Day (4)
244	10.25	10.25	7.58
245	10.00	20.25	13.58
246	10.00	30.25	19.58
247	10.00	40.25	25.58
248	10.00	50.25	31.58
249	10.00	60.25	37.58
250	10.00	70.25	43.58
251	10.00	80.25	49.58
252	10.00	90.25	55.58
253	10.00	100.25	61.58
254	10.00	110.25	67.58
255	10.00	120.25	73.58
256	10.00	130.25	79.58
257	10.00	140.25	85.58
258	9.75	150.00	91.33
259	9.50	159.50	96.83
260	9.67	169.17	102.50
261	9.75	178.92	108.25
262	10.00	188.92	114.25
263	10.00	198.92	120.25
264	10.00	208.92	126.25
265	10.00	218.92	132.25
266	10.00	228.92	138.25
267	10.00	238.92	144.25
268	10.00	248.92	150.25
269	10.00	258.92	156.25
270	10.00	268.92	162.25
271	10.00	278.92	168.25
272	10.00	288.92	174.25
273	10.00	298.92	180.25

Total Deg. Days (O) for Sept/82 = 298.92

274	10.00	308.92	186.25
275	10.00	318.92	192.25
276	10.00	328.92	198.25
277	10.42	339.33	204.67
278	10.08	349.42	210.75
279	10.00	359.42	216.75
280	10.00	369.42	222.75
281	10.00	379.42	228.75
282	10.00	389.42	234.75
283	9.83	399.25	240.58
284	9.50	408.75	246.08
285	9.50	418.25	251.58
286	9.50	427.75	257.08
287	9.92	437.67	263.00
288	10.00	447.67	269.00
289	10.00	457.67	275.00
290	10.00	467.67	281.00

KENNEBECASIS BAY MC COLGAN POINT N3 ... continued

Station	Deptn	Latitude	Longitude	Start
2H	33.0	45.32	66.11	Sept 1, 1982 13:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
291	10.00	477.67	287.00
292	9.58	487.25	292.58
293	9.50	496.75	298.08
294	9.50	506.25	303.58
295	9.50	515.75	309.08
296	9.50	525.25	314.58
297	9.50	534.75	320.08
298	9.50	544.25	325.58
299	9.50	553.75	331.08
300	9.50	563.25	336.58
301	9.50	572.75	342.08
302	9.50	582.25	347.58
303	9.50	591.75	353.08
304	9.50	601.25	358.58

Total Deg. Days (D) for Oct/82 = 302.33

305	9.50	610.75	364.08
306	9.50	620.25	369.58
307	9.50	629.75	375.08
308	9.50	639.25	380.58
309	9.50	648.75	386.08
310	9.50	658.25	391.58
311	9.50	667.75	397.08
312	9.50	677.25	402.58
313	9.50	686.75	408.08
314	9.50	696.25	413.58
315	9.50	705.75	419.08
316	9.50	715.25	424.58
317	9.50	724.75	430.08
318	9.50	734.25	435.58
319	9.50	743.75	441.08
320	9.50	753.25	446.58
321	9.50	762.75	452.08

Estimated Deg. Days (D) for Nov/82 = 285.00

KENNEBECASIS BAY CLIFTON ROYAL NB

Station	Depth	Latitude	Longitude	Start
2I	34.0	45.45	66.00	June 22, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
173	4.50	4.50	1.83
174	3.83	8.33	1.83
175	3.50	11.83	1.83
176	3.50	15.33	1.83
177	3.50	18.83	1.83
178	3.50	22.33	1.83
179	4.00	26.33	1.83
180	4.00	30.33	1.83
181	4.00	34.33	1.83
Estimated Deg. Days (C) for June/82 =		103.00	
182	4.00	38.33	1.83
183	4.08	42.42	1.92
184	4.42	46.83	2.33
185	4.50	51.33	2.83
186	4.50	55.83	3.33
187	4.75	60.58	4.08
188	4.92	65.50	5.00
189	4.92	70.42	5.92
190	4.92	75.33	6.83
191	5.00	80.33	7.83
192	5.00	85.33	8.83
193	5.00	90.33	9.83
194	5.00	95.33	10.83
195	5.00	100.33	11.83
196	5.00	105.33	12.83
197	5.00	110.33	13.83
198	5.00	115.33	14.83
199	5.00	120.33	15.83
200	5.00	125.33	16.83
201	5.00	130.33	17.83
202	5.00	135.33	18.83
203	5.00	140.33	19.83
204	5.25	145.58	21.08
205	5.58	151.17	22.67
206	6.00	157.17	24.67
207	6.50	163.67	27.17
208	6.58	170.25	29.75
209	7.00	177.25	32.75
210	7.00	184.25	35.75
211	7.17	191.42	38.92
212	7.83	198.75	42.25
Total Deg. Days (C) for July/82 =		164.42	
213	7.17	205.92	45.42
214	7.25	213.17	48.67
215	7.08	220.25	51.75
216	7.83	227.58	55.08

KENNEBECASIS BAY CLIFTON ROYAL NB ... continued

Station	Depth	Latitude	Longitude	Start
2I	34.0	45.45	66.00	June 22, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
217	7.33	234.92	58.42
218	7.08	242.00	61.50
219	7.00	249.00	64.50
220	7.33	256.33	67.83
221	7.42	263.75	71.25
222	7.50	271.25	74.75
223	7.42	278.67	78.17
224	7.50	286.17	81.67
225	7.50	293.67	85.17
226	7.42	301.08	88.58
227	7.50	308.58	92.08
228	7.50	316.08	95.58
229	7.50	323.58	99.08
230	7.50	331.08	102.58
231	7.50	338.58	106.08
232	7.50	346.08	109.58
233	7.50	353.58	113.08
234	7.67	361.25	116.75
235	8.00	369.25	120.75
236	7.83	377.08	124.58
237	8.00	385.08	128.58
238	8.00	393.08	132.58
239	8.00	401.08	136.58
240	8.00	409.08	140.58
241	8.00	417.08	144.58
242	8.00	425.08	148.58
243	8.42	433.50	153.00

Total Deg. Days (C) for Aug/82 = 234.75

244	8.17	441.67	157.17
245	8.17	449.83	161.33
246	8.33	458.17	165.67
247	8.42	466.58	170.08
248	8.25	474.83	174.33
249	8.50	483.33	178.83
250	8.33	491.67	183.17

KENNEBECASIS BAY CLIFTON ROYAL NB

Station	Depth	Latitude	Longitude		Start
2J	34.0	45.45	66.00	Sept 8, 1982	14:25 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
251	8.75	8.75	6.08
252	8.50	17.25	10.58
253	8.50	25.75	15.08
254	8.17	33.92	19.25
255	8.00	41.92	23.25
256	8.00	49.92	27.25
257	8.00	57.92	31.25
258	8.00	65.92	35.25
259	8.00	73.92	39.25
260	8.00	81.92	43.25
261	8.00	89.92	47.25
262	8.00	97.92	51.25
263	8.00	105.92	55.25
264	8.00	113.92	59.25
265	8.00	121.92	63.25
266	8.00	129.92	67.25
267	8.00	137.92	71.25
268	8.00	145.92	75.25
269	8.00	153.92	79.25
270	8.00	161.92	83.25
271	8.00	169.92	87.25
272	8.00	177.92	91.25
273	8.00	185.92	95.25

Estimated Deg. Days (C) for Sept/82 = 234.40

274	8.00	193.92	99.25
275	8.00	201.92	103.25
276	8.00	209.92	107.25
277	8.00	217.92	111.25
278	8.00	225.92	115.25
279	8.00	233.92	119.25
280	8.00	241.92	123.25
281	8.00	249.92	127.25
282	8.00	257.92	131.25
283	8.00	265.92	135.25
284	8.00	273.92	139.25
285	8.00	281.92	143.25
286	8.00	289.92	147.25
287	8.00	297.92	151.25
288	8.00	305.92	155.25
289	8.00	313.92	159.25
290	8.00	321.92	163.25
291	8.00	329.92	167.25
292	8.00	337.92	171.25
293	8.25	346.17	175.50
294	8.50	354.67	180.00
295	8.50	363.17	184.50
296	8.50	371.67	189.00
297	8.50	380.17	193.50

KENNEBECASIS BAY CLIFTON ROYAL NB .... continued

Station	Depth	Latitude	Longitude	Start
2J	34.0	45.45	66.00	Sept 8, 1982 14:25 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
298	8.50	388.67	198.00
299	8.50	397.17	202.50
300	8.50	405.67	207.00
301	8.50	414.17	211.50
302	8.50	422.67	216.00
303	8.50	431.17	220.50
304	8.50	439.67	225.00

Total Deg. Days (C) for Oct/82 = 253.75

305	8.50	448.17	229.50
306	8.50	456.67	234.00
307	8.50	465.17	238.50
308	8.50	473.67	243.00
309	8.50	482.17	247.50
310	8.83	491.00	252.33
311	9.00	500.00	257.33
312	9.00	509.00	262.33
313	9.00	518.00	267.33
314	9.00	527.00	272.33
315	9.00	536.00	277.33
316	9.00	545.00	282.33
317	9.00	554.00	287.33
318	9.00	563.00	292.33
319	9.00	572.00	297.33

Estimated Deg. Days (C) for Nov/82 = 264.67

ALMA NB *

Station	Deptn	Latitude	Longitude	Start
3A	30.0	45.60	64.95	June 2, 1982 14:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
153	7.50	7.50	4.83
154	7.00	14.50	7.83
155	7.00	21.50	10.83
156	7.00	28.50	13.83
157	7.08	35.58	16.92
158	7.50	43.08	20.42
159	7.50	50.58	23.92
160	7.50	58.08	27.42
161	8.00	66.08	31.42
162	8.00	74.08	35.42
163	8.00	82.08	39.42
164	8.00	90.08	43.42
165	8.00	98.08	47.42
166	8.00	106.08	51.42
167	8.00	114.08	55.42
168	8.00	122.08	59.42
169	8.00	130.08	63.42
170	8.00	138.08	67.42
171	8.50	146.58	71.92
172	8.50	155.08	76.42
173	8.50	163.58	80.92
174	8.50	172.08	85.42
175	8.50	180.58	89.92
176	8.50	189.08	94.42
177	8.50	197.58	98.92
178	9.00	206.58	103.92
179	9.00	215.58	108.92
180	9.00	224.58	113.92

Estimated Deg. Days (D) for June/82 = 240.63

ALMA MB *

Station	Depth	Latitude	Longitude	Start
3C	30.0	45.60	64.45	June 30, 1982 00:50 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
181	9.00	9.00	5.53
182	9.00	18.00	10.53
183	9.00	27.00	15.53
184	9.00	36.00	20.53
185	9.00	45.00	25.53
186	9.00	54.00	30.53
187	9.42	63.42	35.95
188	9.50	72.92	41.45
189	9.67	82.58	47.12
190	10.00	92.58	53.12
191	10.00	102.58	59.12
192	10.00	112.58	65.12
193	10.00	122.58	71.12
194	10.33	132.92	77.45
195	10.50	143.42	83.95
196	10.50	153.92	90.45
197	10.92	164.83	97.37
198	11.00	175.83	104.37
199	11.00	186.83	111.37
200	11.00	197.83	118.37
201	11.00	208.83	125.37
202	11.17	220.00	132.53
203	11.50	231.50	140.03
204	11.50	243.00	147.53
205	11.50	254.50	155.03
206	11.67	266.17	162.70
207	12.00	278.17	170.70
208	12.00	290.17	178.70
209	12.00	302.17	186.70

Estimated Deg. Days (D) for July/82 = 324.36

DELAPS COVE NS

Station	Deptn	Latitude	Longitude	Start
4A	28.0	44.78	65.63	Apr 20, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
110	5.00	5.00	1.00
111	4.50	9.50	1.50
112	4.50	14.00	2.00
113	4.50	18.50	2.50
114	4.50	23.00	3.00
115	4.50	27.50	3.50
116	4.50	32.00	4.00
117	4.50	36.50	4.50
118	4.50	41.00	5.00
119	4.50	45.50	5.50
120	4.50	50.00	6.00

Estimated Deg. Days (D) for Apr/82 = 125.00

121	4.50	54.50	6.50
122	4.50	59.00	7.00
123	4.50	63.50	7.50
124	4.50	68.00	8.00
125	4.50	72.50	8.50
126	4.50	77.00	9.00
127	4.58	81.58	9.58
128	4.67	86.25	10.25
129	5.00	91.25	11.25
130	5.00	96.25	12.25
131	5.00	101.25	13.25
132	5.00	106.25	14.25
133	5.00	111.25	15.25
134	5.00	116.25	16.25
135	5.00	121.25	17.25
136	5.00	126.25	18.25
137	5.00	131.25	19.25
138	5.00	136.25	20.25
139	5.00	141.25	21.25
140	5.17	146.42	22.42
141	5.58	152.00	24.00
142	6.00	158.00	26.00
143	6.00	164.00	28.00
144	6.00	170.00	30.00
145	6.00	176.00	32.00
146	6.00	182.00	34.00
147	6.42	188.42	36.42
148	6.50	194.92	38.92
149	6.50	201.42	41.42
150	6.92	208.33	44.33
151	7.00	215.33	47.33

Total Deg. Days (D) for May/82 = 165.33

152	7.00	222.33	50.33
153	7.00	229.33	53.33

DELAPS COVE NS ... continued

Station	Deptn	Latitude	Longitude	Start
4A	28.0	44.78	65.63	Apr 20, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
154	7.00	236.33	56.33
155	7.00	243.33	59.33
156	7.50	250.83	62.83
157	7.50	258.33	66.33
158	7.50	265.83	69.83
159	7.50	273.33	73.33
160	7.50	280.83	76.83
161	7.50	288.33	80.33
162	7.50	295.83	83.83
163	7.50	303.33	87.33
164	7.50	310.83	90.83
165	7.50	318.33	94.33
166	7.50	325.83	97.83
167	7.50	333.33	101.33
168	7.50	340.83	104.83
169	7.67	348.50	108.50
170	8.00	356.50	112.50
171	8.00	364.50	116.50
172	8.00	372.50	120.50
173	8.00	380.50	124.50
174	8.00	388.50	128.50
175	8.00	396.50	132.50
176	8.00	404.50	136.50
177	8.00	412.50	140.50
178	8.00	420.50	144.50
179	8.00	428.50	148.50
180	8.08	436.58	152.58
181	8.50	445.08	157.08
Total Deg. Days (0) for June/82 =		229.75	
182	8.50	453.58	161.58
183	8.50	462.08	166.08
184	8.50	470.58	170.58
185	8.50	479.08	175.08
186	9.00	488.08	180.08
187	9.00	497.08	185.08
188	9.00	506.08	190.08
189	9.50	515.58	195.58
190	9.50	525.08	201.08
191	9.50	534.58	206.58
192	9.50	544.08	212.08
193	9.50	553.58	217.58
194	9.50	563.08	223.08
195	9.50	572.58	228.58
196	9.50	582.08	234.08
197	9.50	591.58	239.58
198	9.50	601.08	245.08
199	9.50	610.58	250.58
200	9.50	620.08	256.08

DELAPS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
4A	28.0	44.76	63.63	Apr 20, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
201	9.50	629.58	261.58
202	9.50	639.08	267.08
203	9.50	648.58	272.58
204	9.50	658.08	278.08
205	9.50	667.58	283.58
206	9.50	677.08	289.08
207	9.50	686.58	294.58
208	9.50	696.08	300.08
209	9.50	705.58	305.58
210	9.50	715.08	311.08
211	9.58	724.67	316.67
212	10.00	734.67	322.67
Total Deg. Days (C) for July/82 =		289.58	
213	10.00	744.67	328.67
214	10.00	754.67	334.67
215	10.00	764.67	340.67
216	10.00	774.67	346.67
217	10.00	784.67	352.67
218	10.00	794.67	358.67
219	10.00	804.67	364.67
220	10.00	814.67	370.67
221	10.00	824.67	376.67
222	10.00	834.67	382.67
223	10.17	844.83	388.83
224	10.50	855.33	395.33
225	10.50	865.83	401.83
226	10.50	876.33	408.33
227	10.50	886.83	414.83
228	10.58	897.42	421.42
229	11.00	908.42	428.42
230	11.00	919.42	435.42
231	11.00	930.42	442.42
232	11.00	941.42	449.42
233	11.00	952.42	456.42
234	11.00	963.42	463.42
235	11.00	974.42	470.42
Estimated Deg. Days (C) for Aug/82 =		323.14	

DELAPS COVE NS

Station	Depth	Latitude	Longitude	Start
48	28.0	44.76	65.66	Sept 1, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
244	11.00	11.00	7.00
245	11.00	22.00	14.00
246	11.00	33.00	21.00
247	11.00	44.00	28.00
248	11.00	55.00	35.00
249	11.00	66.00	42.00
250	11.00	77.00	49.00
251	11.00	88.00	56.00
252	11.00	99.00	63.00
253	11.00	110.00	70.00
254	11.17	121.17	77.17
255	11.50	132.67	84.67
256	11.75	144.42	92.42
257	12.00	156.42	100.42
258	12.00	168.42	108.42
259	12.33	180.75	116.75
260	12.50	193.25	125.25
261	12.50	205.75	133.75
262	12.50	218.25	142.25
263	12.50	230.75	150.75
264	12.17	242.92	158.92
265	12.00	254.92	166.92
266	12.00	266.92	174.92
267	12.00	278.92	182.92
268	12.00	290.92	190.92
269	11.58	302.50	198.50
270	11.50	314.00	206.00
271	11.50	325.50	213.50
272	11.50	337.00	221.00
273	11.17	348.17	228.17

Total Deg. Days (C) for Sept/81 = 348.17

274	11.00	359.17	235.17
275	11.00	370.17	242.17
276	11.00	381.17	249.17
277	11.00	392.17	256.17
278	11.00	403.17	263.17
279	11.00	414.17	270.17
280	11.00	425.17	277.17
281	11.00	436.17	284.17
282	11.00	447.17	291.17
283	10.75	457.92	297.92
284	10.50	468.42	304.42
285	10.17	478.58	310.58
286	10.00	488.58	316.58
287	10.00	498.58	322.58
288	9.67	508.25	328.25
289	9.50	517.75	333.75
290	9.50	527.25	339.25

DELAPS COVE NS ... continued

Station	Deptn	Latitude	Longitude		Start
48	28.0	44.76	65.68	Sept 1, 1981	19:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
291	9.50	536.75	344.75
292	9.50	546.25	350.25
293	9.50	555.75	355.75
294	9.50	565.25	361.25
295	9.50	574.75	366.75
296	9.50	584.25	372.25
297	9.50	593.75	377.75
298	9.50	603.25	383.25
299	9.50	612.75	388.75
300	9.50	622.25	394.25
301	9.50	631.75	399.75
302	9.50	641.25	405.25
303	9.50	650.75	410.75
304	9.50	660.25	416.25

Total Deg. Days (D) for Oct/81 = 312.08

305	9.50	669.75	421.75
306	9.50	679.25	427.25
307	9.50	688.75	432.75
308	9.25	698.00	438.00
309	9.00	707.00	443.00
310	9.00	716.00	448.00
311	9.00	725.00	453.00
312	9.00	734.00	458.00
313	9.00	743.00	463.00
314	9.00	752.00	468.00
315	9.00	761.00	473.00
316	9.00	770.00	478.00
317	8.50	778.50	482.50
318	8.50	787.00	487.00
319	8.50	795.50	491.50
320	8.50	804.00	496.00
321	8.50	812.50	500.50
322	8.50	821.00	505.00
323	8.50	829.50	509.50
324	8.50	838.00	514.00
325	8.50	846.50	518.50
326	8.50	855.00	523.00
327	8.50	863.50	527.50
328	8.17	871.67	531.67
329	8.00	879.67	535.67
330	7.75	887.42	539.42
331	7.50	894.92	542.92
332	7.50	902.42	546.42
333	7.50	909.92	549.92
334	7.25	917.17	553.17

Total Deg. Days (D) for Nov/81 = 256.92

DELAPS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
48	28.0	44.76	65.68	Sept 1, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
335	7.00	924.17	556.17
336	7.00	931.17	559.17
337	7.33	938.50	562.50
338	7.50	946.00	566.00
339	7.50	953.50	569.50
340	7.25	960.75	572.75
341	7.08	967.83	575.83
342	7.50	975.33	579.33
343	7.50	982.83	582.83
344	7.50	990.33	586.33
345	7.50	997.83	589.83
346	7.25	1005.08	593.08
347	7.00	1012.08	596.08
348	7.00	1019.08	599.08
349	7.00	1026.08	602.08
350	7.00	1033.08	605.08
351	7.00	1040.08	608.08
352	6.67	1046.75	610.75
353	6.50	1053.25	613.25
354	6.42	1059.67	615.67
355	6.00	1065.67	617.67
356	6.00	1071.67	619.67
357	6.00	1077.67	621.67
358	6.00	1083.67	623.67
359	6.00	1089.67	625.67
360	6.00	1095.67	627.67
361	6.00	1101.67	629.67
362	5.50	1107.17	631.17
363	5.50	1112.67	632.67
364	5.50	1118.17	634.17
365	5.25	1123.42	635.42

Total Deg. Days (D) for Dec/81 = 206.25

1	5.00	1128.42	636.42
2	5.00	1133.42	637.42
3	4.75	1138.17	638.17
4	4.50	1142.67	638.67
5	4.83	1147.50	639.50
6	5.00	1152.50	640.50
7	5.00	1157.50	641.50
8	4.92	1162.42	642.42
9	4.25	1166.67	642.67
10	4.00	1170.67	642.67
11	4.00	1174.67	642.67
12	3.75	1178.42	642.67
13	3.50	1181.92	642.67
14	3.50	1185.42	642.67
15	3.33	1188.75	642.67
16	3.00	1191.75	642.67

DELAPS COVE NS ... continued

Station	Deptn	Latitude	Longitude	Start
48	28.0	44.76	65.68	Sept 1, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
17	3.00	1194.75	642.67
18	2.67	1197.42	642.67
19	2.17	1199.58	642.67
20	2.00	1201.58	642.67
21	1.92	1203.50	642.67
22	1.33	1204.83	642.67
23	1.00	1205.83	642.67
24	1.08	1206.92	642.67
25	1.50	1208.42	642.67
26	1.25	1209.67	642.67
27	1.00	1210.67	642.67
28	1.00	1211.67	642.67
29	1.33	1213.00	642.67
30	1.33	1214.33	642.67
31	1.50	1215.83	642.67

Total Deg. Days (D) for Jan/82 = 92.42

32	1.50	1217.33	642.67
33	1.58	1218.92	642.67
34	2.00	1220.92	642.67
35	2.25	1223.17	642.67
36	2.50	1225.67	642.67
37	2.50	1228.17	642.67
38	2.50	1230.67	642.67
39	2.50	1233.17	642.67
40	2.50	1235.67	642.67
41	2.50	1238.17	642.67
42	2.50	1240.67	641.42

Estimated Deg. Days (D) for Feb/82 = 63.21

DELAPS COVE NS

Station	Depth	Latitude	Longitude	Start
4C	17.0	44.78	65.03	Sept 1, 1982 11:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
244	11.50	11.50	8.83
245	11.50	23.00	16.33
246	11.58	34.58	23.92
247	12.00	46.58	31.92
248	12.00	58.58	39.92
249	12.00	70.58	47.92
250	12.00	82.58	55.92
251	12.00	94.58	63.92
252	12.00	106.58	71.92
253	12.00	118.58	79.92
254	12.00	130.58	87.92
255	12.00	142.58	95.92
256	12.00	154.58	103.92
257	12.00	166.58	111.92
258	12.00	178.58	119.92
259	12.00	190.58	127.92
260	12.00	202.58	135.92
261	12.00	214.58	143.92
262	12.00	226.58	151.92
263	12.00	238.58	159.92
264	12.00	250.58	167.92
265	12.00	262.58	175.92
266	12.00	274.58	183.92
267	12.00	286.58	191.92
268	12.00	298.58	199.92
269	12.00	310.58	207.92
270	12.00	322.58	215.92
271	12.00	334.58	223.92
272	12.00	346.58	231.92
273	11.75	358.33	239.67

Total Deg. Days (D) for Sept/82 = 358.33

274	12.00	370.33	247.67
275	12.00	382.33	255.67
276	11.67	394.00	263.33
277	11.50	405.50	270.83
278	11.50	417.00	278.33
279	11.50	428.50	285.83
280	11.50	440.00	293.33
281	11.50	451.50	300.83
282	11.08	462.58	307.92
283	11.00	473.58	314.92
284	11.00	484.58	321.92
285	11.00	495.58	328.92
286	11.00	506.58	335.92
287	11.00	517.58	342.92
288	10.50	528.08	349.42
289	10.50	538.58	355.92
290	10.50	549.08	362.42

DELAPS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
4C	17.0	44.78	65.63	Sept 1, 1982 11:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
291	10.50	559.58	368.92
292	10.50	570.08	375.42
293	10.50	580.58	381.92
294	10.75	591.33	388.67
295	10.75	602.08	395.42
296	10.50	612.58	401.92
297	10.17	622.75	408.08
298	10.00	632.75	414.08
299	10.00	642.75	420.08
300	10.00	652.75	426.08
301	10.00	662.75	432.08
302	10.20	672.95	438.82

Estimated Deg. Days (3) for Oct/82 = 330.31

PORT MAITLAND NS

Station	Deptn	Latitude	Longitude	Start
5A	13.0	43.99	66.18	Nov 18, 1981 20:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
322		* NO DATA *	
323	9.00	9.00	5.00
324	8.67	17.67	9.67
325	8.50	26.17	14.17
326	8.50	34.67	18.67
327	8.50	43.17	23.17
328	8.00	51.17	27.17
329	7.83	59.00	31.00
330	7.33	66.33	34.33
331	7.00	73.33	37.33
332	7.00	80.33	40.33
333	6.58	86.92	42.92
334	6.33	93.25	45.25

Estimated Deg. Days (C) for Nov/81 = 199.32

335	5.83	99.08	47.08
336	5.50	104.58	48.58
337	5.75	110.33	50.33
338	6.00	116.33	52.33
339	6.00	122.33	54.33
340	6.00	128.33	56.33
341	6.00	134.33	58.33
342	6.42	140.75	60.75
343	6.50	147.25	63.25
344	6.50	153.75	65.75
345	6.25	160.00	68.00
346	6.00	166.00	70.00
347	6.00	172.00	72.00
348	6.00	178.00	74.00
349	6.00	184.00	76.00
350	6.00	190.00	78.00
351	5.92	195.92	79.92
352	5.50	201.42	81.42
353	5.50	206.92	82.92
354	5.25	212.17	84.17
355	4.67	216.83	84.83
356	4.50	221.33	85.33
357	4.25	225.58	85.58
358	4.50	230.08	86.62

Estimated Deg. Days (C) for Dec/81 = 176.74

PORT MAITLAND NS *

Station	Depth	Latitude	Longitude	Start
58	0.0	43.96	66.18	Apr 23, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
113	4.00	4.00	0.00
114	3.67	7.67	0.00
115	3.58	11.25	0.00
116	3.58	14.83	0.00
117	4.00	18.83	0.00
118	4.00	22.83	0.00
119	3.58	26.42	0.00
120	3.58	30.00	0.00
121	4.00	34.00	0.00
122	4.00	38.00	0.00
123	4.00	42.00	0.00
124	4.00	46.00	0.00
125	4.17	50.17	.17
126	4.58	54.75	.75
127	5.00	59.75	1.75
128	5.00	64.75	2.75
129	5.08	69.83	3.83
130	5.25	75.08	5.08
131	5.42	80.50	6.50
132	5.50	86.00	8.00
133	5.50	91.50	9.50
134	5.50	97.00	11.00
135	5.50	102.50	12.50
136	5.50	108.00	14.00
137	5.67	113.67	15.67
138	6.00	119.67	17.67
139	6.00	125.67	19.67
140	6.00	131.67	21.67
141	6.50	138.17	24.17
142	7.00	145.17	27.17
143	7.00	152.17	30.17
144	7.00	159.17	33.17
145	7.00	166.17	36.17
146	7.00	173.17	39.17
147	7.00	180.17	43.50

Estimated Deg. Days (C) for May/82 = 172.41

GANNET ROCK NS

Station	Depth	Latitude	Longitude	Start
8D	13.0	43.65	60.14	May 30, 1982 23:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
150		* NO DATA *	
151	7.00	7.00	3.00
152	6.25	13.25	5.25
153	6.17	19.42	7.42
154	6.42	25.83	9.83
155	7.67	33.50	13.50
156	6.33	39.83	15.83
157	6.00	45.83	17.83
158	6.00	51.83	19.83
159	6.17	58.00	22.00
160	7.08	65.08	25.08
161	7.50	72.58	28.58
162	8.00	80.58	32.58
163	7.17	87.75	35.75
164	8.00	95.75	39.75
165	8.00	103.75	43.75
166	8.58	112.33	48.33
167	7.83	120.17	52.17
168	7.33	127.50	55.50
169	7.83	135.33	59.33
170	9.00	144.33	64.33
171	8.50	152.83	68.83
172	9.00	161.83	73.83
173	9.50	171.33	79.33
174	10.50	181.83	85.83
175	9.50	191.33	91.33
176	9.25	200.58	96.58
177	8.33	208.92	100.92
178	7.83	216.75	104.75
179	7.33	224.08	108.08
180	9.92	234.00	114.00
181	9.25	243.25	119.25
Total Deg. Days (0) for June/82 =		236.25	
182	8.83	252.08	124.08
183	8.00	260.08	128.08
184	8.00	268.08	132.08
185	8.08	276.17	136.17
186	8.67	284.83	140.83
187	8.58	293.42	145.42
188	8.50	301.92	149.92
189	8.67	310.58	154.58
190	9.00	319.58	159.58
191	9.92	329.50	165.50
192	11.10	340.60	173.13
Estimated Deg. Days (0) for July/82 =		274.35	

GANNET ROCK NS

Station	Deptn	Latitude	Longitude	Start
8E	22.0	43.65	56.14	May 31, 1982 00:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
151	7.00	7.00	3.50
152	6.00	13.00	5.50
153	5.83	18.83	7.37
154	5.75	24.58	9.12
155	7.00	31.58	12.12
156	6.67	38.25	14.78
157	6.92	45.17	17.70
158	6.08	51.25	19.78
159	6.00	57.25	21.78
160	6.00	63.25	23.78
161	6.00	69.25	25.78
162	6.50	75.75	28.28
163	7.00	82.75	31.28
164	6.83	89.58	34.12
165	6.00	95.58	36.12
166	6.17	101.75	38.28
167	6.33	108.08	40.62
168	6.17	114.25	42.78
169	6.50	120.75	45.28
170	7.50	128.25	48.78
171	7.33	135.58	52.12
172	8.00	143.58	56.12
173	7.83	151.42	59.95
174	8.25	159.67	64.20
175	8.00	167.67	68.20
176	8.08	175.75	72.28
177	8.42	184.17	76.70
178	8.17	192.33	80.87
179	8.83	201.17	85.70
180	8.58	209.75	90.28
181	8.58	218.33	94.87

Total Deg. Days (0) for June/82 = 211.33

182	8.58	226.92	99.45
183	9.17	236.08	104.62
184	10.00	246.08	110.62
185	10.50	256.58	117.12
186	10.75	267.33	123.87
187	11.25	278.58	131.12
188	11.00	289.58	138.12
189	10.08	299.67	144.20
190	9.00	308.67	149.20
191	9.58	318.25	154.78
192	10.08	328.33	160.87
193	9.75	338.08	166.62
194	9.25	347.33	171.87
195	8.92	356.25	176.78
196	9.17	365.42	181.95
197	9.00	374.42	186.95

GANNET ROCK NS ... continued

Station	Depth	Latitude	Longitude	Start
8E	22.0	43.65	60.14	May 31, 1982 00:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
198	8.67	383.08	191.62
199	9.25	392.33	196.87
200	10.83	403.17	203.70
201	10.33	413.50	210.03
202	11.25	424.75	217.28
203	11.00	435.75	224.28
204	11.00	446.75	231.28
205	10.50	457.25	237.78
206	10.58	467.83	244.37
207	10.58	478.42	250.95
208	11.67	490.08	258.62
209	12.00	502.08	266.62
210	10.75	512.83	273.37
211	9.83	522.67	279.20
212	10.50	533.17	285.70
Total Deg. Days (0) for July/82 =		314.33	
213	11.33	544.50	293.03
214	11.58	556.08	300.62
215	12.00	568.08	308.62
216	12.00	580.08	316.62
217	12.50	592.58	325.12
218	11.67	604.25	332.78
219	12.00	616.25	340.78
220	11.25	627.50	348.03
221	11.08	638.58	355.12
222	10.67	649.25	361.78
223	9.33	658.58	367.12
224	10.67	669.25	373.78
225	11.17	680.42	380.95
226	9.75	690.17	386.70
227	9.17	699.33	391.87
228	9.00	708.33	396.87
229	9.08	717.42	401.95
230	9.75	727.17	407.70
231	10.00	737.17	413.70
232	10.75	747.92	420.45
233	11.25	759.17	428.70
Estimated Deg. Days (0) for Aug/82 =		333.52	

ARGYLE SOUND - RANKIN ISLAND NS

Station	Deptn	Latitude	Longitude	Start
9A	6.0	43.74	65.85	Oct 30, 1981 19:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
303	14.50	14.50	10.50
304	14.50	29.00	21.00
305	14.25	43.25	31.25
306	14.00	57.25	41.25
307	14.00	71.25	51.25
308	13.25	84.50	60.50
309	13.00	97.50	69.50
310	13.00	110.50	78.50
311	13.00	123.50	87.50
312	13.00	136.50	96.50
313	13.00	149.50	105.50
314	13.00	162.50	114.50
315	13.00	175.50	123.50
316	12.92	188.42	132.42
317	12.17	200.58	140.58
318	12.00	212.58	148.58
319	12.00	224.58	156.58
320	12.00	236.58	164.58
321	12.00	248.58	172.58
322	12.00	260.58	180.58
323	12.50	273.08	189.08
324	12.00	285.08	197.08
325	12.00	297.08	205.08
326	12.00	309.08	213.08
327	12.00	321.08	221.08
328	11.67	332.75	228.75
329	11.17	343.92	235.92
330	10.67	354.58	242.58
331	10.17	364.75	248.75
332	10.00	374.75	254.75
333	10.00	384.75	260.75
334	9.67	394.42	266.42
Total Deg. Days (C) for Nov/81 =		365.42	
335	9.00	403.42	271.42
336	9.00	412.42	276.42
337	9.00	421.42	281.42
338	9.00	430.42	286.42
339	9.08	439.50	291.50
340	9.50	449.00	297.00
341	9.50	458.50	302.50
342	9.50	468.00	308.00
343	9.50	477.50	313.50
344	9.50	487.00	319.00
345	9.50	496.50	324.50
346	9.50	506.00	330.00
347	9.17	515.17	335.17
348	9.00	524.17	340.17
349	9.00	533.17	345.17

ARGYLE SOUND - RANKIN ISLAND NS ...continued

Station	Depth	Latitude	Longitude	Start
9A	5.0	43.74	65.65	Oct 30, 1981 19:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
350	9.00	542.17	350.17
351	9.00	551.17	355.17
352	8.83	560.00	360.00
353	8.50	568.50	364.50
354	8.25	576.75	368.75
355	7.42	584.17	372.17
356	7.00	591.17	375.17
357	7.00	598.17	378.17
358	7.00	605.17	381.17
359	7.00	612.17	384.17
360	7.00	619.17	387.17
361	7.00	626.17	390.17
362	7.00	633.17	393.17
363	7.00	640.17	396.17
364	7.00	647.17	399.17
365	7.00	654.17	402.17

Total Deg. Days (C) for Dec/81 = 259.75

1	6.50	660.67	404.67
2	6.50	667.17	407.17
3	6.25	673.42	409.42
4	6.00	679.42	411.42
5	6.33	685.75	413.75
6	6.33	692.08	416.08
7	6.00	698.08	418.08
8	6.00	704.08	420.08
9	5.33	709.42	421.42
10	5.00	714.42	422.42
11	4.67	719.08	423.08
12	4.00	723.08	423.08
13	3.50	726.58	423.08
14	3.67	730.25	423.08
15	4.00	734.25	423.08
16	4.00	738.25	423.08
17	4.00	742.25	423.08
18	3.58	745.83	423.08
19	3.50	749.33	423.08
20	3.50	752.83	423.08
21	3.50	756.33	423.08
22	3.50	759.83	423.08
23	3.50	763.33	423.08
24	3.50	766.83	423.08
25	3.50	770.33	423.08
26	3.50	773.83	423.08
27	3.50	777.33	423.08
28	3.50	780.83	423.08
29	3.50	784.33	423.08
30	3.50	787.83	423.08
31	3.50	791.33	423.08

Total Deg. Days (C) for Jan/82 = 137.17

ARGYLE SOUND - RANKIN ISLAND NS ...continued

Station	Depth	Latitude	Longitude	Start
9A	6.0	43.74	65.85	Oct 30, 1981 19:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
32	3.50	794.83	423.08
33	3.50	798.33	423.08
34	3.50	801.83	423.08
35	3.50	805.33	423.08
36	3.50	808.83	423.08
37	3.50	812.33	423.08
38	3.50	815.83	423.08
39	3.50	819.33	423.08
40	3.50	822.83	423.08
41	3.50	826.33	423.08
42	3.50	829.83	423.08
43	3.50	833.33	423.08
44	3.50	836.83	423.08
45	3.50	840.33	423.08
46	3.50	843.83	423.08
47	3.50	847.33	423.08
48	3.50	850.83	423.08
49	3.50	854.33	423.08
50	3.50	857.83	423.08
51	3.50	861.33	423.08
52	3.50	864.83	423.08
53	3.92	868.75	423.08
54	4.00	872.75	423.08
55	4.00	876.75	423.08
56	3.75	880.50	423.08
57	3.50	884.00	423.08
58	3.50	887.50	423.08
59	3.50	891.00	423.08

Total Deg. Days (C) for Feb/82 = 99.57

60	3.50	894.50	423.08
61	3.50	898.00	423.08
62	3.50	901.50	423.08
63	3.50	905.00	423.08
64	3.50	908.50	423.08
65	3.50	912.00	423.08
66	3.50	915.50	423.08
67	3.50	919.00	423.08
68	3.50	922.50	423.08
69	3.50	926.00	423.08
70	3.50	929.50	423.08
71	3.83	933.33	423.08
72	4.00	937.33	423.08
73	4.58	941.92	423.67
74	5.00	946.92	424.67
75	5.00	951.92	425.67
76	5.00	956.92	426.67
77	5.00	961.92	427.67
78	5.00	966.92	428.67

ARGYLE SOUND - RANKIN ISLAND NS ...continued

Station	Depth	Latitude	Longitude	Start
9A	5.0	43.74	65.85	Oct 30, 1981 19:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
79	5.17	972.08	429.83
80	5.67	977.75	431.50
81	6.00	983.75	433.50
82	6.00	989.75	435.50
83	6.08	995.83	437.58
84	6.58	1002.42	440.17
85	7.00	1009.42	443.17
86	7.00	1016.42	446.17
87	7.00	1023.42	449.17
88	6.17	1029.58	451.33
89	6.00	1035.58	453.33
90	6.50	1042.08	455.83
Total Deg. Days (C) for Mar/82 = 151.08			
91	7.00	1049.08	458.83
92	7.50	1056.58	462.33
93	7.50	1064.08	465.83
94	7.67	1071.75	469.50
95	8.00	1079.75	473.50
96	7.25	1087.00	476.75
97	7.00	1094.00	479.75

ARGYLE SOUND - RANKIN ISLAND NS

Station	Depth	Latitude	Longitude	Start
98	6.0	43.74	65.85	May 31, 1982 19:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
151	12.50	12.50	8.50
152	12.42	24.92	16.92
153	12.67	37.58	25.58
154	12.50	50.08	34.08
155	13.00	63.08	43.08
156	12.83	75.92	51.92
157	12.67	88.58	60.58
158	11.92	100.50	68.50
159	11.08	111.58	75.58
160	10.83	122.42	82.42
161	10.58	133.00	89.00
162	11.00	144.00	96.00
163	11.50	155.50	103.50
164	11.42	166.92	110.92
165	11.00	177.92	117.92
166	11.25	189.17	125.17
167	12.00	201.17	133.17
168	12.00	213.17	141.17
169	12.00	225.17	149.17
170	12.58	237.75	157.75
171	13.00	250.75	166.75
172	13.08	263.83	175.83
173	13.25	277.08	185.08
174	14.00	291.08	195.08
175	14.00	305.08	205.08
176	14.00	319.08	215.08
177	14.08	333.17	225.17
178	14.00	347.17	235.17
179	14.50	361.67	245.67
180	14.67	376.33	256.33
181	14.00	390.33	266.33
Total Deg. Days (0) for June/82 =		377.83	
182	14.58	404.92	276.92
183	14.83	419.75	287.75
184	15.00	434.75	298.75
185	15.42	450.17	310.17
186	15.67	465.83	321.83
187	15.67	481.50	333.50
188	15.83	497.33	345.33
189	16.08	513.42	357.42
190	16.13	529.54	370.54

ARGYLE SOUND - BOARD ISLAND NS

Station	Depth	Latitude	Longitude	Start
9C	8.0	43.73	65.95	Nov 2, 1981 16:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
306	10.00	10.00	6.00
307	10.83	20.83	12.83
308	10.17	31.00	19.00
309	10.00	41.00	25.00
310	10.00	51.00	31.00
311	10.00	61.00	37.00
312	10.00	71.00	43.00
313	10.00	81.00	49.00
314	10.00	91.00	55.00
315	9.50	100.50	60.50
316	9.50	110.00	66.00
317	9.25	119.25	71.25
318	8.92	128.17	76.17
319	8.83	137.00	81.00
320	9.00	146.00	86.00
321	9.00	155.00	91.00
322	9.00	164.00	96.00
323	9.00	173.00	101.00
324	9.00	182.00	106.00
325	9.00	191.00	111.00
326	9.00	200.00	116.00
327	8.58	208.58	120.58
328	8.25	216.83	124.83
329	8.00	224.83	128.83
330	7.83	232.67	132.67
331	7.25	239.92	135.92
332	7.00	246.92	138.92
333	7.00	253.92	141.92
334	6.58	260.50	144.50

Total Deg. Days (D) for Nov/81 = 260.50

335	6.08	266.58	146.58
336	6.00	272.58	148.58
337	6.00	278.58	150.58
338	6.25	284.83	152.83
339	6.50	291.33	155.33
340	6.50	297.83	157.83
341	6.67	304.50	160.50
342	7.00	311.50	163.50
343	7.00	318.50	166.50
344	7.00	325.50	169.50
345	6.50	332.00	172.00
346	6.50	338.50	174.50
347	6.42	344.92	176.92
348	6.00	350.92	178.92
349	6.00	356.92	180.92
350	6.00	362.92	182.92
351	6.00	368.92	184.92
352	5.67	374.58	186.58

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
9C	8.0	43.73	65.95	Nov 2, 1981 16:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
353	5.50	380.08	188.08
354	5.08	385.17	189.17
355	4.17	389.33	189.33
356	4.00	393.33	189.33
357	4.00	397.33	189.33
358	4.00	401.33	189.33
359	4.00	405.33	189.33
360	4.25	409.58	189.58
361	4.33	413.92	189.92
362	4.17	418.08	190.08
363	4.25	422.33	190.33
364	4.08	426.42	190.42
365	3.83	430.25	190.42

Total Deg. Days (0) for Dec/81 = 169.75

1	3.75	434.00	190.42
2	3.75	437.75	190.42
3	3.17	440.92	190.42
4	3.17	444.08	190.42
5	3.50	447.58	190.42
6	3.42	451.00	190.42
7	3.00	454.00	190.42
8	3.00	457.00	190.42
9	2.75	459.75	190.42
10	2.08	461.83	190.42
11	2.00	463.83	190.42
12	1.17	465.00	190.42
13	.83	465.83	190.42
14	.83	466.67	190.42
15	.92	467.58	190.42
16	.67	468.25	190.42
17	.67	468.92	190.42
18	-.16	469.08	190.42
19	-.49	469.08	190.42
20	-.49	469.08	190.42
21	-.49	469.08	190.42
22	-.49	469.08	190.42
23	-.49	469.08	190.42
24	-.49	469.08	190.42
25	-.49	469.08	190.42
26	-.49	469.08	190.42
27	-.49	469.08	190.42
28	-.49	469.08	190.42
29	-.49	469.08	190.42
30	-.49	469.08	190.42
31	-.49	469.08	190.42

Total Deg. Days (0) for Jan/82 = 38.83

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Deptn	Latitude	Longitude	Start
9C	8.0	43.73	65.95	Nov 2, 1981 16:00 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (4)
32	-.49	469.08	190.42
33	-.49	469.08	190.42
34	-.49	469.08	190.42
35	-.24	469.08	190.42
36	0.00	469.08	190.42
37	0.00	469.08	190.42
38	0.00	469.08	190.42
39	0.00	469.08	190.42
40	0.00	469.08	190.42
41	0.00	469.08	190.42
42	0.00	469.08	190.42
43	0.00	469.08	190.42
44	0.00	469.08	190.42
45	0.00	469.08	190.42
46	0.00	469.08	190.42
47	0.00	469.08	190.42
48	0.00	469.08	190.42
49	0.00	469.08	190.42
50	0.00	469.08	190.42
51	0.00	469.08	190.42
52	.42	469.50	190.42
53	.50	470.00	190.42
54	.50	470.50	190.42
55	.50	471.00	190.42
56	.50	471.50	190.42
57	-.07	471.58	190.42
58	-.49	471.58	190.42
59	-.49	471.58	190.42

Total Deg. Days (J) for Feb/82 = 2.50

60	-.49	471.58	190.42
61	-.49	471.58	190.42
62	-.49	471.58	190.42
63	-.49	471.58	190.42
64	-.49	471.58	190.42
65	-.49	471.58	190.42
66	0.00	471.58	190.42
67	0.00	471.58	190.42
68	0.00	471.58	190.42
69	.17	471.75	190.42
70	.50	472.25	190.42
71	.67	472.92	190.42
72	1.00	473.92	190.42
73	1.00	474.92	190.42
74	1.42	476.33	190.42
75	1.50	477.83	190.42
76	1.50	479.33	190.42
77	1.50	480.83	190.42
78	1.50	482.33	190.42

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
9C	8.0	43.73	65.95	Nov 2, 1981 10:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
79	1.83	484.17	190.42
80	2.00	486.17	190.42
81	2.08	488.25	190.42
82	2.33	490.58	190.42
83	2.42	493.00	190.42
84	3.00	496.00	190.42
85	3.00	499.00	190.42
86	3.42	502.42	190.42
87	3.58	506.00	190.42
88	2.75	508.75	190.42
89	2.92	511.67	190.42
90	3.00	514.67	189.58

Total Deg. Days (D) for Mar/82 = 43.08

ARGYLE SOUND - BOARD ISLAND NS

Station	Depth	Latitude	Longitude	Start
9D	8.0	43.73	65.85	Mar 29, 1982 08:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
88	1.83	1.83	.25
89	2.83	4.67	.25
90	2.83	7.50	.25
91	3.33	10.83	.25
92	3.42	14.25	.25
93	3.50	17.75	.25
94	3.92	21.67	.25
95	3.50	25.17	.25
96	3.00	28.17	.25
97	2.50	30.67	.25
98	2.17	32.83	.25
99	2.00	34.83	.25
100	2.42	37.25	.25
101	2.50	39.75	.25
102	2.58	42.33	.25
103	2.92	45.25	.25
104	3.75	49.00	.25
105	4.00	53.00	.25
106	4.25	57.25	.50
107	4.92	62.17	1.42
108	5.67	67.83	3.08
109	6.00	73.83	5.08
110	6.17	80.00	7.25
111	6.58	86.58	9.83
112	6.42	93.00	12.25
113	6.33	99.33	14.58
114	6.58	105.92	17.17
115	6.75	112.67	19.92
116	7.25	119.92	23.17
117	7.58	127.50	26.75
118	7.08	134.58	29.83
119	6.25	140.83	32.08
120	6.00	146.83	34.08

Total Deg. Days (D) for Apr/82 = 139.33

121	6.42	153.25	36.50
122	6.83	160.08	39.33
123	7.08	167.17	42.42
124	7.17	174.33	45.58
125	7.25	181.58	48.83
126	7.67	189.25	52.50
127	7.75	197.00	56.25
128	8.42	205.42	60.67
129	8.58	214.00	65.25
130	8.75	222.75	70.00
131	8.42	231.17	74.42
132	8.00	239.17	78.42
133	8.00	247.17	82.42
134	8.00	255.17	86.42

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
9D	8.0	43.73	65.85	Mar 29, 1982 08:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
135	8.00	263.17	90.42
136	8.00	271.17	94.42
137	8.67	279.83	99.08
138	8.83	288.67	103.92
139	9.25	297.92	109.17
140	9.92	307.83	115.08
141	10.08	317.92	121.17
142	10.50	328.42	127.67
143	10.83	339.25	134.50
144	10.75	350.00	141.25
145	10.67	360.67	147.92
146	11.00	371.67	154.92
147	11.33	383.00	162.25
148	11.42	394.42	169.67
149	11.50	405.92	177.17
150	12.17	418.08	185.33
151	12.00	430.08	193.33

Total Deg. Days (C) for May/82 = 283.25

152	12.25	442.33	201.58
153	12.58	454.92	210.17
154	12.83	467.75	219.00
155	12.75	480.50	227.75
156	12.42	492.92	236.17
157	12.08	505.00	244.25
158	11.50	516.50	251.75
159	11.00	527.50	258.75
160	11.00	538.50	265.75
161	11.33	549.83	273.08
162	11.67	561.50	280.75
163	11.75	573.25	288.50
164	11.83	585.08	296.33
165	11.83	596.92	304.17
166	12.17	609.08	312.33
167	12.50	621.58	320.83
168	12.75	634.33	329.58
169	12.92	647.25	338.50
170	13.33	660.58	347.83
171	13.67	674.25	357.50
172	13.75	688.00	367.25
173	14.50	702.50	377.75
174	14.33	716.83	388.08
175	14.42	731.25	398.50
176	14.33	745.58	408.83
177	14.33	759.92	419.17
178	14.50	774.42	429.67
179	14.67	789.08	440.33
180	14.58	803.67	450.92
181	14.67	818.33	461.58

Total Deg. Days (C) for June/82 = 388.25

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
9D	8.0	43.73	65.65	Mar 29, 1982 08:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
182	14.83	833.17	472.42
183	15.08	848.25	483.50
184	15.50	863.75	495.00
185	15.58	879.33	506.58
186	15.33	894.67	517.92
187	15.67	910.33	529.58
188	16.50	926.83	542.08
189	16.50	943.33	554.58
190	16.50	959.83	567.08
191	16.33	976.17	579.42
192	16.33	992.50	591.75
193	16.08	1008.58	603.83
194	15.92	1024.50	615.75
195	15.75	1040.25	627.50
196	15.75	1056.00	639.25
197	16.00	1072.00	651.25
198	16.42	1088.42	663.67
199	16.67	1105.08	676.33
200	16.42	1121.50	688.75
201	16.25	1137.75	701.00
202	15.92	1153.67	712.92
203	15.83	1169.50	724.75
204	15.58	1185.08	736.33
205	15.58	1200.67	747.92
206	15.50	1216.17	759.42
207	16.50	1232.67	771.92
208	16.25	1248.92	784.17
209	15.92	1264.83	796.08
210	16.42	1281.25	808.50
211	16.50	1297.75	821.00
212	16.67	1314.42	833.67

Total Deg. Days (C) for July/82 = 496.08

213	16.67	1331.08	846.33
214	16.58	1347.67	858.92
215	16.08	1363.75	871.00
216	16.33	1380.08	883.33
217	16.25	1396.33	895.58
218	15.67	1412.00	907.25
219	15.58	1427.58	918.83
220	15.50	1443.08	930.33
221	15.58	1458.67	941.92
222	15.92	1474.58	953.83
223	16.08	1490.67	965.92
224	15.75	1506.42	977.67
225	15.67	1522.08	989.33
226	15.67	1537.75	1001.00
227	16.33	1554.08	1013.33
228	16.67	1570.75	1026.00

ARGYLE SOUND - BOARD ISLAND NS ... continued

Station	Deptn	Latitude	Longitude	Start
9D	8.0	43.73	65.85	Mar 29, 1982 08:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
229	17.08	1587.83	1039.08
230	17.17	1605.00	1052.25
231	17.17	1622.17	1065.42
232	17.17	1639.33	1078.58
233	17.00	1656.33	1091.58
234	16.58	1672.92	1104.17
235	16.58	1689.50	1116.75
236	16.42	1705.92	1129.17
237	16.17	1722.08	1141.33
238	16.17	1738.25	1153.50
239	16.33	1754.58	1165.83
240	16.33	1770.92	1178.17
241	16.00	1786.92	1190.17
242	15.92	1802.83	1202.08
243	16.00	1818.83	1214.08
Total Deg. Days (D) for Aug/82 =		504.42	
244	15.75	1834.58	1225.83
245	15.75	1850.33	1237.58
246	16.00	1866.33	1249.58
247	15.92	1882.25	1261.50
248	15.92	1898.17	1273.42
249	15.83	1914.00	1285.25
250	15.58	1929.58	1296.83
251	15.00	1944.58	1307.83
252	14.83	1959.42	1318.67
253	15.00	1974.42	1329.67
Estimated Deg. Days (D) for Sept/82 =		466.75	

ARGYLE SOUND - INDIAN SLUICE NS

Station	Depth	Latitude	Longitude	Start
9F	10.0	43.77	65.94	Oct 20, 1981 13:40 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
293	14.00	14.00	10.00
294	9.00	23.00	15.00
295	8.42	31.42	19.42
296	9.00	40.42	24.42
297	8.58	49.00	29.00
298	7.00	56.00	32.00
299	6.92	62.92	34.92
300	9.25	72.17	40.17
301	11.75	83.92	47.92
302	9.75	93.67	53.67
303	8.25	101.92	57.92
304	7.92	109.83	61.83
Estimated Deg. Days (D) for Oct/81 =		261.91	
305	7.42	117.25	65.25
306	7.08	124.33	68.33
307	4.58	128.92	68.92
308	3.75	132.67	68.92
309	6.75	139.42	71.67
310	8.33	147.75	76.00
311	8.92	156.67	80.92
312	8.08	164.75	85.00
313	8.17	172.92	89.17
314	5.00	177.92	90.17
315	7.17	185.08	93.33
316	7.17	192.25	96.50
317	4.75	197.00	97.25
318	4.00	201.00	97.25
319	2.33	203.33	97.25
320	2.50	205.83	97.25
321	3.25	209.08	97.25
322	3.08	212.17	97.25
323	3.75	215.92	97.25
324	2.50	218.42	97.25
325	2.00	220.42	97.25
326	2.58	223.00	97.25
327	6.75	229.75	100.00
328	6.83	236.58	102.83
329	6.00	242.58	104.83
330	6.08	248.67	106.92
331	7.00	255.67	109.92
332	6.67	262.33	112.58
333	5.67	268.00	114.25
334	5.00	273.00	115.25
Total Deg. Days (D) for Nov/81 =		163.17	
335	4.50	277.50	115.75
336	4.33	281.83	116.08

ARGYLE SOUND - INDIAN SLUICE NS ...continued

Station	Depth	Latitude	Longitude	Start
9F	10.0	43.77	65.94	Oct 20, 1981 18:40 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
337	3.92	285.75	116.08
338	2.25	288.00	116.08
339	2.17	290.17	116.08
340	6.58	296.75	118.67
341	4.67	301.42	119.67
342	3.00	304.42	119.67
343	3.00	307.42	119.67
344	1.75	309.17	119.67
345	.92	310.08	119.67
346	.83	310.92	119.67
347	2.83	313.75	119.67
348	2.83	316.58	119.67
349	3.00	319.58	119.67
350	2.42	322.00	119.67
351	2.00	324.00	119.67
352	2.00	326.00	119.67
353	2.33	328.33	119.67
354	1.33	329.67	119.67
355	-1.91	329.67	119.67
356	-2.82	329.67	119.67
357	.25	330.25	119.67
358	-1.32	330.25	119.67
359	-.32	330.42	119.67
360	1.25	331.67	119.67
361	1.25	332.92	119.67
362	1.00	333.92	119.67
363	1.00	334.92	119.67
364	.25	335.17	119.67
365	0.00	335.17	119.67

Total Deg. Days (C) for Dec/81 = 62.17

1	-.74	335.17	119.67
2	-.99	335.17	119.67
3	-.99	335.17	119.67
4	-.99	335.17	119.67
5	-.99	335.17	119.67
6	-.99	335.17	119.67
7	-.99	335.17	119.67
8	-.99	335.17	119.67
9	-.99	335.17	119.67
10	-.99	335.17	119.67
11	-.99	335.17	119.67
12	-.99	335.17	119.67
13	-.99	335.17	119.67
14	-.99	335.17	119.67
15	-.99	335.17	119.67
16	-.99	335.17	119.67
17	-.99	335.17	119.67
18	-.99	335.17	119.67

ARGYLE SOUND - INDIAN SLUICE NS ...continued

Station	Depth	Latitude	Longitude	Start
9F	10.0	43.77	65.94	Oct 20, 1981 18:40 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
19	-.99	335.17	119.67
20	-.99	335.17	119.67
21	-.99	335.17	119.67
22	-.99	335.17	119.67
23	-.99	335.17	119.67
24	-.99	335.17	119.67
25	-.99	335.17	119.67
26	-.99	335.17	119.67
27	-.99	335.17	119.67
28	-.99	335.17	119.67
29	-.99	335.17	119.67
30	-.99	335.17	119.67
31	-.99	335.17	119.67
Total Deg. Days (0) for Jan/82 =		0.00	
32	-.99	335.17	119.67
33	-.99	335.17	119.67
34	-.99	335.17	119.67
35	-.99	335.17	119.67
36	-.99	335.17	119.67
37	-.99	335.17	119.67
38	-.99	335.17	119.67
39	-.99	335.17	119.67
40	-.99	335.17	119.67
41	-.99	335.17	119.67
42	-.99	335.17	119.67
43	-.99	335.17	119.67
44	-.99	335.17	119.67
45	-.99	335.17	119.67
46	-.99	335.17	119.67
47	-.99	335.17	119.67
48	-.99	335.17	119.67
49	-.99	335.17	119.67
50	-.99	335.17	119.67
51	-.99	335.17	119.67
52	-.99	335.17	119.67
53	-.99	335.17	119.67
54	-.99	335.17	119.67
55	-.99	335.17	119.67
56	-.99	335.17	119.67
57	-.91	335.17	119.67
58	-.49	335.17	119.67
59	-.49	335.17	119.67
Total Deg. Days (0) for Feb/82 =		0.00	
60	-.49	335.17	119.67
61	0.00	335.17	119.67
62	.42	335.58	119.67

ARGYLE SOUND - INDIAN SLUICE NS ... continued

Station	Depth	Latitude	Longitude	Start
9F	10.0	43.77	65.94	Oct 20, 1981 18:40 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
63	.67	336.25	119.67
64	1.00	337.25	119.67
65	.67	337.92	119.67
66	.50	338.42	119.67
67	.50	338.92	119.67
68	1.00	339.92	119.67
69	1.08	341.00	119.67
70	1.92	342.92	119.67
71	2.00	344.92	119.67
72	2.00	346.92	119.67
73	2.00	348.92	119.67
74	2.50	351.42	119.67
75	3.08	354.50	119.67
76	3.92	358.42	119.67
77	2.67	361.08	119.67
78	1.17	362.25	119.67
79	1.00	363.25	119.67

Estimated Deg. Days (C) for Mar/82 = 43.33

ARGYLE SOUND - GLENWOOD NS

Station	Depth	Latitude	Longitude	Start
9H	7.0	43.81	65.88	Mar 25, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
84	5.00	5.00	1.00
85	5.50	10.50	2.50
86	5.08	16.58	4.58
87	4.33	20.92	5.25
88	2.00	22.92	5.25
89	2.58	25.50	5.25
90	3.67	29.17	5.25
91	4.58	33.75	5.83
92	5.50	39.25	7.33
93	5.42	44.67	8.75
94	5.42	50.08	10.17
95	5.42	55.50	11.58
96	4.25	59.75	12.00
97	3.25	63.00	12.00
98	2.42	65.42	12.00
99	1.83	67.25	12.00
100	2.67	69.92	12.00
101	3.17	73.08	12.00
102	4.00	77.08	12.08
103	4.17	81.25	12.25
104	5.17	86.42	13.42
105	6.00	92.42	15.42
106	6.17	98.58	17.58
107	7.17	105.75	20.75
108	8.25	114.00	25.00
109	8.00	122.00	29.00
110	8.00	130.00	33.00
111	8.92	138.92	37.92
112	9.00	147.92	42.92
113	8.33	156.25	47.25
114	8.50	164.75	51.75
115	9.25	174.00	57.00
116	9.67	183.67	62.67
117	10.17	193.83	68.83
118	10.08	203.92	74.92
119	9.00	212.92	79.92
120	7.83	220.75	83.75

Total Deg. Days (C) for Apr/82 = 191.58

121	7.92	228.67	87.67
122	9.00	237.67	92.67
123	9.83	247.50	98.50
124	10.67	258.17	105.17
125	10.50	268.67	111.67
126	11.00	279.67	118.67
127	11.50	291.17	126.17
128	12.08	303.25	134.25
129	12.25	315.50	142.50
130	12.75	328.25	151.25

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9H	7.0	43.81	65.88	Mar 25, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
131	12.83	341.08	160.08
132	11.25	352.33	167.33
133	10.75	363.08	174.08
134	10.58	373.67	180.67
135	9.75	383.42	186.42
136	9.92	393.33	192.33
137	10.75	404.08	199.08
138	11.42	415.50	206.50
139	11.67	427.17	214.17
140	12.08	439.25	222.25
141	12.00	451.25	230.25
142	12.75	464.00	239.00
143	12.92	476.92	247.92
144	13.33	490.25	257.25
145	12.67	502.92	265.92
146	12.08	515.00	274.00
147	13.67	528.67	283.67
148	14.25	542.92	293.92
149	14.50	557.42	304.42
150	15.25	572.67	313.67
151	15.75	588.42	327.42
Total Deg. Days (C) for May/82 =		367.57	
152	16.17	604.58	339.58
153	16.25	620.83	351.83
154	15.50	636.33	363.33
155	15.92	652.25	375.25
156	16.08	668.33	387.33
157	15.33	683.67	398.67
158	14.42	698.08	409.00
159	13.33	711.42	418.42
160	12.75	724.17	427.17
161	12.67	736.83	435.83
162	13.67	750.50	445.50
163	14.08	764.58	455.58
164	14.17	778.75	465.75
165	13.75	792.50	475.50
166	13.58	806.08	485.00
167	14.42	820.50	495.50
168	14.00	834.50	505.50
169	14.00	848.50	515.50
170	15.00	863.50	526.50
171	15.42	878.92	537.92
172	15.67	894.58	549.58
173	15.83	910.42	561.42
174	16.83	927.25	574.25
175	15.92	943.17	586.17
176	16.08	959.25	598.25
177	16.58	975.83	610.83

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9H	7.0	43.81	65.88	Mar 25, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
178	16.00	991.83	622.83
179	17.17	1009.00	636.00
180	17.08	1026.08	649.08
181	16.58	1042.67	661.67
Total Deg. Days (C) for June/82 =		454.25	
182	16.83	1059.50	674.50
183	17.00	1076.50	687.50
184	17.58	1094.08	701.08
185	17.83	1111.92	714.92
186	18.17	1130.08	729.08
187	18.58	1148.67	743.67
188	18.33	1167.00	758.00
189	19.17	1186.17	773.17
190	19.17	1205.33	788.33
191	19.67	1225.00	804.00
192	20.33	1245.33	820.33
193	20.33	1265.67	836.67
194	20.33	1286.00	853.00
195	20.17	1306.17	869.17
196	20.42	1326.58	885.58
197	20.67	1347.25	902.25
198	20.92	1368.17	919.17
199	20.50	1388.67	935.67
200	19.17	1407.83	950.83
201	18.92	1426.75	965.75
202	18.33	1445.08	980.08
203	18.33	1463.42	994.42
204	18.25	1481.67	1008.67
205	18.17	1499.83	1022.83
206	19.17	1519.00	1038.00
207	19.17	1538.17	1053.17
208	19.58	1557.75	1068.75
209	19.75	1577.50	1084.50
210	19.25	1596.75	1099.75
211	18.92	1615.67	1114.67
212	19.08	1634.75	1129.75
Total Deg. Days (C) for July/82 =		592.08	
213	19.58	1654.33	1145.33
214	20.00	1674.33	1161.33
215	19.92	1694.25	1177.25
216	19.83	1714.08	1193.08
217	20.17	1734.25	1209.25
218	19.33	1753.58	1224.58
219	18.33	1771.92	1238.92
220	18.33	1790.25	1253.25
221	17.75	1808.00	1267.00

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9H	7.0	43.81	65.88	Mar 25, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
222	17.92	1825.92	1280.92
223	17.75	1843.67	1294.67
224	18.33	1862.00	1309.00
225	17.83	1879.83	1322.83
226	17.92	1897.75	1336.75
227	18.08	1915.83	1350.83
228	18.75	1934.58	1365.58
229	19.50	1954.08	1381.08
230	19.75	1973.83	1396.83
231	19.50	1993.33	1412.33
232	19.50	2012.83	1427.83
233	18.67	2031.50	1442.50
234	18.58	2050.08	1457.08
235	18.33	2068.42	1471.42
236	18.00	2086.42	1485.42
237	17.50	2103.92	1498.92
238	17.25	2121.17	1512.17
239	17.42	2138.58	1525.58
240	17.50	2156.08	1539.08
241	17.33	2173.42	1552.42
242	17.00	2190.42	1565.42
243	17.08	2207.50	1578.50

Total Deg. Days (C) for Aug/82 = 572.75

244	16.67	2224.17	1591.17
245	16.67	2240.83	1603.83
246	16.50	2257.33	1616.33
247	16.50	2273.83	1628.83
248	17.17	2291.00	1642.00
249	17.25	2308.25	1655.25
250	17.75	2326.00	1670.33

ARGYLE SOUND - GLENWOOD NS

Station	Depth	Latitude	Longitude	Start
9I	7.0	43.81	65.88	Oct 30, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
303	15.00	15.00	41.00
304	14.33	29.33	21.33
305	13.67	43.00	61.00
306	13.42	56.42	40.42
307	13.25	69.67	49.67
308	12.42	82.08	58.08
309	12.00	94.08	66.08
310	12.08	106.17	74.17
311	13.00	119.17	83.17
312	13.00	132.17	92.17
313	12.92	145.08	101.08
314	13.00	158.08	110.08
315	13.00	171.08	119.08
316	12.58	183.67	127.67
317	11.50	195.17	135.17
318	11.17	206.33	142.33
319	11.17	217.50	149.50
320	11.92	229.42	157.42
321	12.08	241.50	165.50
322	12.50	254.00	174.00
323	12.50	266.50	182.50
324	11.58	278.08	190.09
325	11.75	289.83	197.83
326	11.83	301.67	205.67
327	11.08	312.75	212.75
328	10.92	323.67	219.67
329	10.17	333.83	225.83
330	9.33	343.17	231.17
331	8.83	352.00	236.00
332	8.83	360.83	240.83
333	8.92	369.75	245.75
334	8.17	377.92	249.92

Total Deg. Days (C) for Nov/81 = 348.58

335	7.67	385.58	253.58
336	7.58	393.17	257.17
337	8.75	401.92	261.92
338	9.92	411.83	267.83
339	9.75	421.58	273.58
340	9.50	431.08	279.08
341	10.00	441.08	285.08
342	10.00	451.08	291.08
343	10.00	461.08	297.08
344	10.00	471.08	303.08
345	9.58	480.67	308.67
346	9.50	490.17	314.17
347	9.17	499.33	319.33
348	8.42	507.75	323.75
349	8.08	515.83	327.83

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9I	7.0	43.81	65.88	Oct 30, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
350	9.08	524.92	332.92
351	9.00	533.92	337.92
352	8.00	541.92	341.92
353	8.00	549.92	345.92
354	7.08	557.00	349.00
355	6.08	563.08	351.08
356	6.00	569.08	353.08
357	6.00	575.08	355.08
358	6.00	581.08	357.08
359	6.00	587.08	359.08
360	6.00	593.08	361.08
361	6.00	599.08	363.08
362	6.00	605.08	365.08
363	6.00	611.08	367.08
364	6.00	617.08	369.08
365	5.42	622.50	370.50

Total Deg. Days (D) for Dec/81 = 244.58

1	5.00	627.50	371.50
2	5.00	632.50	372.50
3	4.92	637.42	373.42
4	5.00	642.42	374.42
5	6.08	648.50	376.50
6	5.92	654.42	378.42
7	5.75	660.17	380.17
8	5.50	665.67	381.67
9	4.25	669.92	381.92
10	3.92	673.83	381.92
11	3.42	677.25	381.92
12	3.00	680.25	381.92
13	3.00	683.25	381.92
14	3.00	686.25	381.92
15	3.00	689.25	381.92
16	3.00	692.25	381.92
17	3.00	695.25	381.92
18	3.00	698.25	381.92
19	3.00	701.25	381.92
20	3.00	704.25	381.92
21	3.00	707.25	381.92
22	3.00	710.25	381.92
23	3.00	713.25	381.92
24	3.00	716.25	381.92
25	3.00	719.25	381.92
26	3.00	722.25	381.92
27	3.00	725.25	381.92
28	3.00	728.25	381.92
29	3.00	731.25	381.92
30	3.00	734.25	381.92
31	3.00	737.25	381.92

Total Deg. Days (D) for Jan/82 = 114.75

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9I	7.0	43.61	65.86	Oct 30, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
32	3.00	740.25	381.92
33	3.00	743.25	381.92
34	3.00	746.25	381.92
35	3.08	749.33	381.92
36	3.33	752.67	381.92
37	3.42	756.00	381.92
38	3.25	759.33	381.92
39	3.08	762.42	381.92
40	3.08	765.50	381.92
41	3.00	768.50	381.92
42	3.00	771.50	381.92
43	3.00	774.50	381.92
44	3.00	777.50	381.92
45	3.00	780.50	381.92
46	3.00	783.50	381.92
47	3.00	786.50	381.92
48	3.00	789.50	381.92
49	3.50	793.00	381.92
50	3.50	796.50	381.92
51	3.50	800.00	381.92
52	3.50	803.50	381.92
53	3.50	807.00	381.92
54	3.50	810.50	381.92
55	3.50	814.00	381.92
56	3.42	817.42	381.92
57	3.00	820.42	381.92
58	3.00	823.42	381.92
59	3.00	826.42	381.92

Total Deg. Days (3) for Feb/82 = 809.17

60	3.00	829.42	381.92
61	3.00	832.42	381.92
62	3.00	835.42	381.92
63	3.00	838.42	381.92
64	3.00	841.42	381.92
65	3.00	844.42	381.92
66	3.00	847.42	381.92
67	3.08	850.50	381.92
68	3.50	854.00	381.92
69	3.58	857.58	381.92
70	4.00	861.58	381.92
71	4.17	865.75	382.08
72	5.08	870.83	383.17
73	5.67	876.50	384.83
74	5.92	882.42	386.75
75	5.08	887.50	387.83
76	5.08	892.58	388.92
77	5.67	898.25	390.58
78	6.33	904.58	392.92

ARGYLE SOUND - GLENWOOD NS ... continued

Station	Depth	Latitude	Longitude	Start
9I	7.0	43.61	65.88	Oct 30, 1981 19:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
79	6.83	911.42	395.75
80	7.67	919.08	399.42
81	7.83	926.92	403.25
82	7.33	934.25	406.58
83	7.50	941.75	410.08
84	8.00	949.75	415.08

Estimated Deg. Days (C) for Mar/82 = 152.93

ARGYLE SOUND - ARDNAMURCHAN NS

Station	Deptn	Latitude	Longitude		Start
9J	0.0	43.75	62.85	June 4, 1982	00:01 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
155	14.20	14.20	10.73
156	13.92	28.12	20.65
157	13.00	41.12	29.65
158	12.00	53.12	37.65
159	12.00	65.12	45.65
160	12.25	77.37	53.90
161	12.33	89.70	62.23
162	13.00	102.70	71.23
163	13.00	115.70	80.23
164	12.67	128.37	88.90
165	13.08	141.45	97.98
166	13.58	155.03	107.57
167	13.50	168.53	117.07
168	13.67	182.20	126.73
169	14.00	196.20	136.73
170	14.83	210.53	147.07
171	14.67	225.20	157.73
172	15.17	240.37	168.90
173	15.00	255.37	179.90
174	15.08	270.45	190.98
175	15.33	285.78	202.32
176	15.58	301.37	213.90
177	15.58	316.95	225.48
178	16.00	332.95	237.48
179	15.92	348.87	249.40
180	15.58	364.45	260.98
181	16.00	380.45	272.98

Estimated Deg. Days (D) for June/82 = 407.52

182	15.92	396.37	284.90
183	15.67	412.03	296.57
184	17.00	429.03	309.57
185	17.08	446.12	322.65
186	17.17	463.28	335.82
187	17.25	480.53	349.07
188	17.67	498.20	362.73
189	17.67	515.87	376.40
190	18.25	534.12	390.65
191	18.17	552.28	404.82
192	18.17	570.45	418.98
193	18.08	588.53	433.07
194	17.75	606.28	446.82
195	17.92	624.20	460.73
196	18.17	642.37	474.90
197	18.42	660.78	489.32
198	18.00	678.78	503.32
199	17.92	696.70	517.23
200	17.50	714.20	530.73
201	17.50	731.70	544.23

ARGYLE SOUND - ARDNAMURCHAN NS ... continued

Station	Depth	Latitude	Longitude	Start
9J	0.0	43.75	65.85	June 4, 1982 00:01 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
202	17.00	748.70	557.23
203	17.08	765.78	570.32
204	17.17	782.95	583.48
205	17.08	800.03	596.57
206	17.33	817.37	609.90
207	18.08	835.45	623.98
208	18.08	853.53	638.07
209	17.58	871.12	651.65
210	17.92	889.03	665.57
211	18.00	907.03	679.57
212	18.00	925.03	693.57
Total Deg. Days (C) for July/82 = 544.58			
213	18.00	943.03	707.57
214	18.00	961.03	721.57
215	18.08	979.12	735.65
216	18.00	997.12	749.65
217	17.25	1014.37	762.90
218	16.75	1031.12	775.65
219	17.00	1048.12	788.65
220	16.58	1064.70	801.23
221	17.00	1081.70	814.23
222	17.08	1098.78	827.32
223	17.08	1115.87	840.40
224	17.00	1132.87	853.40
225	17.00	1149.87	866.40
226	17.00	1166.87	879.40
227	17.58	1184.45	892.98
228	18.08	1202.53	907.07
229	18.08	1220.62	921.15
230	18.17	1238.78	935.32
231	18.00	1256.78	949.32
232	18.00	1274.78	963.32
233	17.92	1292.70	977.23
234	17.00	1309.70	990.23
235	17.00	1326.70	1003.23
236	17.00	1343.70	1016.23
237	17.00	1360.70	1029.23
238	17.00	1377.70	1042.23
239	17.00	1394.70	1055.23
240	17.00	1411.70	1068.23
241	16.67	1428.37	1080.90
242	16.50	1444.87	1094.73
Estimated Deg. Days (C) for Aug/82 = 537.16			

WHALE ISLAND NS

Station	Depth	Latitude	Longitude	Start
10A	7.0	43.72	65.84	Oct 22, 1980 15:37 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
296	11.00	11.00	8.33
297	10.42	21.42	14.75
298	10.00	31.42	20.75
299	9.75	41.17	26.50
300	9.42	50.58	31.92
301	9.00	59.58	36.92
302	9.00	68.58	41.92
303	9.00	77.58	46.92
304	8.75	86.33	51.67
305	8.83	95.17	56.50
Estimated Deg. Days (D) for Oct/80 = 268.20			
306	8.50	103.67	61.00
307	8.50	112.17	65.50
308	8.08	120.25	69.58
309	8.00	128.25	73.58
310	8.00	136.25	77.58
311	8.00	144.25	81.58
312	7.58	151.83	85.17
313	7.50	159.33	88.67
314	7.50	166.83	92.17
315	7.50	174.33	95.67
316	7.17	181.50	98.83
317	7.00	188.50	101.83
318	7.00	195.50	104.83
319	6.67	202.17	107.50
320	6.50	208.67	110.00
321	6.50	215.17	112.50
322	6.00	221.17	114.50
323	6.00	227.17	116.50
324	6.00	233.17	118.50
325	5.67	238.83	120.17
326	5.50	244.33	121.67
327	5.50	249.83	123.17
328	5.50	255.33	124.67
329	5.50	260.83	126.17
330	5.50	266.33	127.67
331	5.50	271.83	129.17
332	5.00	276.83	130.17
333	5.00	281.83	131.17
334	5.00	286.83	132.17
335	5.00	291.83	133.17
Total Deg. Days (D) for Nov/80 = 196.57			
336	5.00	296.83	134.17
337	5.00	301.83	135.17
338	5.00	306.83	136.17
339	5.00	311.83	137.17

WHALE ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
10A	7.0	43.72	65.84	Oct 22, 1980 13:37 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
340	4.67	316.50	137.83
341	4.50	321.00	138.33
342	4.50	325.50	138.83
343	4.50	330.00	139.33
344	4.50	334.50	139.83
345	4.33	338.83	140.17
346	4.00	342.83	140.17
347	3.58	346.42	140.17
348	3.50	349.92	140.17
349	3.50	353.42	140.17
350	2.92	356.33	140.17
351	2.33	358.67	140.17
352	2.25	360.92	140.17
353	2.08	363.00	140.17
354	2.00	365.00	140.17
355	2.00	367.00	140.17
356	1.33	368.33	140.17
357	1.17	369.50	140.17
358	1.00	370.50	140.17
359	1.00	371.50	140.17
360	1.00	372.50	140.17
361	.58	373.08	140.17
362	.50	373.58	140.17
363	.50	374.08	140.17
364	.50	374.58	140.17
365	1.00	375.58	140.17
366	1.00	376.58	140.17

Total Deg. Days (C) for Dec/80 = 84.75

1	1.00	377.58	140.17
2	1.00	378.58	140.17
3	.83	379.42	140.17
4	0.00	379.42	140.17
5	0.00	379.42	140.17
6	0.00	379.42	140.17
7	0.00	379.42	140.17
8	-.16	379.42	140.17
9	-.99	379.42	140.17
10	-.99	379.42	140.17
11	-.99	379.42	140.17
12	-.99	379.42	140.17
13	-.99	379.42	140.17
14	-.99	379.42	140.17
15	-.99	379.42	140.17
16	-.99	379.42	140.17
17	-.99	379.42	140.17
18	-.99	379.42	140.17
19	-.99	379.42	140.17
20	-.99	379.42	140.17

WHALE ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
10A	7.0	43.72	55.84	Oct 22, 1980 13:37 GMT -

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
21	-.99	379.42	140.17
22	-.99	379.42	140.17
23	-.99	379.42	140.17
24	-.99	379.42	140.17
25	-.99	379.42	140.17
26	-.82	379.42	140.17
27	-.49	379.42	140.17
28	-.32	379.42	140.17
29	0.00	379.42	140.17
30	0.00	379.42	140.17
31	0.00	379.42	140.17
Total Deg. Days (C) for Jan/81 =	2.33		
32	0.00	379.42	140.17
33	.08	379.50	140.17
34	0.00	379.50	140.17
35	0.00	379.50	140.17
36	0.00	379.50	140.17
37	-.24	379.50	140.17
38	-.41	379.50	140.17
39	0.00	379.50	140.17
40	0.00	379.50	140.17
41	0.00	379.50	140.17
42	0.00	379.50	140.17
43	.83	379.83	140.17
44	.08	379.92	140.17
45	0.00	379.92	140.17
46	0.00	379.92	140.17
47	0.00	379.92	140.17
48	.08	380.00	140.17
49	.50	380.50	140.17
50	.50	381.00	140.17
51	.50	381.50	140.17
52	1.00	382.50	140.17
53	1.00	383.50	140.17
54	1.08	384.58	140.17
55	1.50	386.08	140.17
56	1.50	387.58	140.17
57	1.50	389.08	140.17
58	1.67	390.75	140.17
59	2.00	392.75	140.17
Total Deg. Days (C) for Feb/81 =	13.33		
60	2.00	394.75	140.17
61	2.00	396.75	140.17
62	2.00	398.75	140.17
63	2.00	400.75	140.17
64	1.83	402.58	140.17

WHALE ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
10A	7.0	43.72	65.84	Oct 22, 1980 13:37 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
65	2.00	404.58	140.17
66	2.00	406.58	140.17
67	2.00	408.58	140.17
68	2.00	410.58	140.17
69	2.00	412.58	140.17
70	2.00	414.58	140.17
71	2.00	416.58	140.17
72	2.00	418.58	140.17
73	2.00	420.58	140.17
74	1.75	422.33	140.17
75	1.50	423.83	140.17
76	1.50	425.33	140.17
77	1.50	426.83	140.17
78	1.00	427.83	140.17
79	1.00	428.83	140.17
80	1.00	429.83	140.17
81	1.00	430.83	140.17
82	1.00	431.83	140.17
83	1.25	433.08	140.17
84	1.50	434.58	140.17
85	1.50	436.08	140.17
86	1.50	437.58	140.17
87	1.50	439.08	140.17
88	1.58	440.67	140.17
89	2.00	442.67	140.17
90	2.00	444.67	140.17
Total Deg. Days (C) for Mar/81 =		51.92	
91	2.00	446.67	140.17
92	3.00	449.67	140.17
93	3.00	452.67	140.17
94	3.00	455.67	140.17
95	3.25	458.92	140.17
96	3.50	462.42	140.17
97	3.58	466.00	140.17
98	4.00	470.00	140.17
99	4.00	474.00	140.17
100	4.00	478.00	140.17
101	4.00	482.00	140.17
102	4.00	486.00	140.17
103	4.00	490.00	140.17
104	4.00	494.00	141.17
Estimated Deg. Days (C) for Apr/81 =		105.71	

PUBNICO NS

Station	Depth	Latitude	Longitude	Start
13	5.0	43.60	65.80	June 11, 1982 13:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
162	10.00	10.00	7.33
163	10.33	20.33	13.67
164	10.00	30.33	19.67
165	10.00	40.33	25.67
166	10.00	50.33	31.67
167	10.08	60.42	37.75
168	10.42	70.83	44.17
169	10.67	81.50	50.83
170	11.00	92.50	57.83
171	11.00	103.50	64.83
172	11.17	114.67	72.00
173	11.17	125.83	79.17
174	11.33	137.17	86.50
175	11.33	148.50	93.83
176	11.75	160.25	101.58
177	12.00	172.25	109.58
178	11.92	184.17	117.50
179	12.00	196.17	125.50
180	11.92	208.08	133.42
181	11.50	219.58	140.92

Estimated Deg. Days (3) for June/82 = 313.59

182	11.75	231.33	148.67
183	12.08	243.42	156.75
184	12.92	256.33	165.67
185	12.50	268.83	174.17
186	12.75	281.58	182.92
187	12.83	294.42	191.75
188	12.92	307.33	200.67
189	13.08	320.42	209.75
190	13.25	333.67	219.00
191	13.00	346.67	228.00
192	13.00	359.67	237.00
193	13.00	372.67	246.00
194	12.75	385.42	254.75
195	12.58	398.00	263.33
196	12.92	410.92	272.25
197	12.58	423.50	280.83
198	12.42	435.92	289.25
199	12.58	448.50	297.83
200	12.08	460.58	305.92
201	12.42	473.00	314.33
202	12.83	485.83	323.17
203	13.00	498.83	332.17
204	13.08	511.92	341.25
205	13.17	525.08	350.42
206	13.00	538.08	359.42
207	12.83	550.42	367.75
208	12.67	563.08	376.42

PUBNICO NS ... continued

Station	Depth	Latitude	Longitude	Start
13	5.0	43.60	65.80	June 11, 1982 13:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
209	12.58	575.67	365.00
210	12.40	588.07	393.93
211	12.92	600.98	402.85
212	13.00	613.98	411.85

Total Deg. Days (C) for July/82 = 394.40

213	13.25	627.23	421.10
214	13.17	640.40	430.27
215	13.42	653.82	439.68
216	14.08	667.90	449.77
217	14.00	681.90	459.77
218	14.00	695.90	469.77
219	13.67	709.57	479.43
220	13.67	723.23	489.10
221	13.25	736.48	498.35
222	13.08	749.57	507.43
223	13.17	762.73	516.60
224	13.00	775.73	525.60
225	13.00	788.73	534.60
226	13.00	801.73	543.60
227	13.00	814.73	552.60
228	12.33	827.07	560.93
229	12.33	839.40	569.27
230	12.58	851.98	577.85
231	13.25	865.23	587.10

Total Deg. Days (C) for Aug/82 = 409.93

CAPE SABLE NS

Station	Depth	Latitude	Longitude	Start
16A	24.0	+3.38	65.63	Sept 22, 1881 18:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
265	13.00	13.00	9.00
266	13.00	26.00	18.00
267	12.83	38.83	26.83
268	12.75	51.58	35.58
269	13.00	64.58	44.58
270	13.17	77.75	53.75
271	13.50	91.25	63.25
272	14.00	105.25	73.25
273	12.42	117.67	81.67
Estimated Deg. Days (D) for Sept/** =		353.00	
274	10.33	128.00	88.00
275	9.17	137.17	93.17
276	9.08	146.25	98.25
277	9.00	155.25	103.25
278	8.67	163.92	107.92
279	8.50	172.42	112.42
280	8.58	181.00	117.00
281	8.92	189.92	121.92
282	8.50	198.42	126.42
283	8.58	207.00	131.00
284	8.50	215.50	135.50
285	8.50	224.00	140.00
286	9.00	233.00	145.00
287	10.00	243.00	151.00
288	10.75	253.75	157.75
289	11.00	264.75	164.75
290	11.33	276.08	172.08
291	11.50	287.58	179.58
292	11.50	299.08	187.08
293	11.50	310.58	194.58
294	11.42	322.00	202.00
295	11.50	333.50	209.50
296	11.50	345.00	217.00
297	11.50	356.50	224.50
298	11.42	367.92	231.92
299	11.00	378.92	238.92
300	11.00	389.92	245.92
301	11.00	400.92	252.92
302	11.00	411.92	259.92
303	11.00	422.92	266.92
304	11.00	433.92	273.92
Total Deg. Days (D) for Oct/** =		316.25	
305	11.00	444.92	280.92
306	10.58	455.50	287.50
307	10.50	466.00	294.00
308	10.17	476.17	300.17

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
16A	24.0	43.38	65.03	Sept 22, 1981 18:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
309	10.00	486.17	306.17
310	10.00	496.17	312.17
311	10.00	506.17	318.17
312	10.00	516.17	324.17
313	10.00	526.17	330.17
314	10.00	536.17	336.17
315	9.67	545.83	341.83
316	9.50	555.33	347.33
317	9.50	564.83	352.83
318	9.25	574.08	358.08
319	9.08	583.17	363.17
320	9.58	592.75	368.75
321	9.75	602.50	374.50
322	9.50	612.00	380.00
323	9.50	621.50	385.50
324	9.50	631.00	391.00
325	9.50	640.50	396.50
326	9.17	649.67	401.67
327	8.92	658.58	406.58
328	8.50	667.08	411.08
329	8.42	675.50	415.50
330	8.00	683.50	419.50
331	7.67	691.17	423.17
332	7.50	698.67	426.67
333	7.42	706.08	430.08
334	7.00	713.08	433.08

Total Deg. Days (C) for Nov/** = 279.17

335	7.00	720.08	436.08
336	6.75	726.83	438.83
337	6.08	732.92	440.92
338	6.08	739.00	443.00
339	6.33	745.33	445.33
340	6.00	751.33	447.33
341	6.00	757.33	449.33
342	6.00	763.33	451.33
343	6.00	769.33	453.33
344	6.00	775.33	455.33
345	6.00	781.33	457.33
346	6.00	787.33	459.33
347	6.00	793.33	461.33
348	6.50	799.83	463.83
349	6.50	806.33	466.33
350	6.58	812.92	468.92
351	6.75	819.67	471.67
352	6.50	826.17	474.17
353	6.50	832.67	476.67
354	6.17	838.83	478.83
355	5.67	844.50	480.50

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
16A	24.0	43.38	65.63	Sept 22, 1881 19:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
356	5.33	849.83	481.83
357	5.00	854.83	482.83
358	5.00	859.83	483.83
359	5.00	864.83	484.83
360	5.00	869.83	485.83
361	5.00	874.83	486.83
362	5.00	879.83	487.83
363	5.00	884.83	488.83
364	5.00	889.83	489.83
365	4.67	894.50	490.50

Total Deg. Days (D) for Dec/** = 181.42

1	4.50	899.00	491.00
2	4.08	903.08	491.08
3	4.33	907.42	491.42
4	4.00	911.42	491.42
5	4.00	915.42	491.42
6	4.00	919.42	491.42
7	4.00	923.42	491.42
8	4.00	927.42	491.42
9	3.92	931.33	491.42
10	3.50	934.83	491.42
11	3.17	938.00	491.42
12	2.58	940.58	491.42
13	2.00	942.58	491.42
14	2.00	944.58	491.42
15	2.33	946.92	491.42
16	2.33	949.25	491.42
17	2.00	951.25	491.42
18	1.75	953.00	491.42
19	1.00	954.00	491.42
20	1.08	955.08	491.42
21	1.75	956.83	491.42
22	2.00	958.83	491.42
23	1.67	960.50	491.42
24	1.42	961.92	491.42
25	1.50	963.42	491.42
26	1.33	964.75	491.42
27	1.33	966.08	491.42
28	1.50	967.58	491.42
29	1.17	968.75	491.42
30	1.00	969.75	491.42
31	1.08	970.83	491.42

Total Deg. Days (D) for Jan/** = 76.33

32	1.50	972.33	491.42
33	1.50	973.83	491.42
34	1.50	975.33	491.42

CAPE SABLE 45 ... continued

Station	Depth	Latitude	Longitude	Start
16A	24.0	43.38	66.63	Sept 22, 1881 18:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
35	1.50	976.83	491.42
36	2.00	978.83	491.42
37	2.00	980.83	491.42
38	2.00	982.83	491.42
39	1.67	984.50	491.42
40	1.50	986.00	491.42
41	1.50	987.50	491.42
42	1.67	989.17	491.42
43	1.92	991.08	491.42
44	1.50	992.58	491.42
45	1.50	994.08	491.42
46	1.50	995.58	491.42
47	1.42	997.00	491.42
48	1.50	998.50	491.42
49	1.50	1000.00	491.42
50	1.50	1001.50	491.42
51	1.33	1002.83	491.42
52	1.33	1004.17	491.42
53	1.50	1005.67	491.42
54	1.50	1007.17	491.42

Estimated Deg. Days (D) for Feb/** = 44.23

CAPE SABLE NS

Station	Depth	Latitude	Longitude	Start
168	17.0	43.36	65.63	Feb 22, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
53		* NO DATA *	
54	1.50	1.50	0.00
55	1.25	2.75	0.00
56	.75	3.50	0.00
57	.08	3.58	0.00
58	0.00	3.58	0.00
59	-.24	3.58	0.00
60	-.49	3.58	0.00
61	-.49	3.58	0.00
62	-.49	3.58	0.00
63	-.49	3.58	0.00
64	-.24	3.58	0.00
65	0.00	3.58	0.00
66	.08	3.67	0.00
67	.50	4.17	0.00
68	.50	4.67	0.00
69	.58	5.25	0.00
70	1.00	6.25	0.00
71	1.00	7.25	0.00
72	1.00	8.25	0.00
73	1.00	9.25	0.00
74	1.00	10.25	0.00
75	1.00	11.25	0.00
76	1.00	12.25	0.00
77	1.00	13.25	0.00
78	1.00	14.25	0.00
79	1.00	15.25	0.00
80	1.67	16.92	0.00
81	1.83	18.75	0.00
82	1.50	20.25	0.00
83	1.50	21.75	0.00
84	1.50	23.25	0.00
85	1.58	24.83	0.00
86	1.67	26.50	0.00
87	.33	26.83	0.00
88	.50	27.33	0.00
89	.58	27.92	0.00
90	1.17	29.08	0.00

Total Deg. Days (D) for Mar/82 = 25.50

91	1.50	30.58	0.00
92	1.50	32.08	0.00
93	1.67	33.75	0.00
94	2.00	35.75	0.00
95	2.00	37.75	0.00
96	2.00	39.75	0.00
97	1.50	41.25	0.00
98	1.50	42.75	0.00
99	1.50	44.25	0.00

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
168	17.0	43.36	65.63	Feb 22, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
100	1.50	45.75	0.00
101	1.50	47.25	0.00
102	1.50	48.75	0.00
103	1.75	50.50	0.00
104	2.42	52.92	0.00
105	2.50	55.42	0.00
106	2.50	57.92	0.00
107	2.92	60.83	0.00
108	3.25	64.08	0.00
109	3.00	67.08	0.00
110	3.00	70.08	0.00
111	3.33	73.42	0.00
112	3.50	76.92	0.00
113	3.50	80.42	0.00
114	3.92	84.33	0.00
115	4.00	88.33	0.00
116	4.50	92.83	0.00
117	4.50	97.33	1.00
118	4.50	101.83	1.50
119	4.50	106.33	2.00
120	4.92	111.25	2.92

Total Deg. Days (D) for Apr/82 = 62.17

121	5.00	116.25	3.92
122	5.00	121.25	4.92
123	5.00	126.25	5.92
124	5.00	131.25	6.92
125	5.00	136.25	7.92
126	5.25	141.50	9.17
127	5.50	147.00	10.67
128	5.50	152.50	12.17
129	5.50	158.00	13.67
130	5.75	163.75	15.42
131	5.67	169.42	17.08
132	5.50	174.92	18.58
133	5.50	180.42	20.08
134	5.83	186.25	21.92
135	6.00	192.25	23.92
136	6.00	198.25	25.92
137	6.00	204.25	27.92
138	6.00	210.25	29.92
139	6.75	217.00	32.67
140	7.00	224.00	35.67
141	6.58	230.58	38.25
142	6.50	237.08	40.75
143	6.50	243.58	43.25
144	6.50	250.08	45.75
145	6.08	256.17	47.83
146	6.08	262.25	49.92

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
168	17.0	43.36	55.63	Feb 22, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
147	7.42	269.67	53.33
148	7.50	277.17	56.83
149	7.50	284.67	60.33
150	7.50	292.17	63.83
151	7.83	300.00	67.67
Total Deg. Days (D) for May/82 =		188.75	
152	8.00	308.00	71.67
153	8.00	316.00	75.67
154	8.00	324.00	79.67
155	8.50	332.50	84.17
156	8.50	341.00	88.67
157	8.50	349.50	93.17
158	8.50	358.00	97.67
159	8.50	366.50	102.17
160	8.50	375.00	106.67
161	8.50	383.50	111.17
162	8.50	392.00	115.67
163	8.50	400.50	120.17
164	8.50	409.00	124.67
165	8.50	417.50	129.17
166	8.50	426.00	133.67
167	8.50	434.50	138.17
168	8.00	442.50	142.17
169	8.00	450.50	146.17
170	8.00	458.50	150.17
171	7.50	466.00	153.67
172	7.50	473.50	157.17
173	7.50	481.00	160.67
174	7.50	488.50	164.17
175	7.50	496.00	167.67
176	7.08	503.08	170.75
177	6.75	509.83	173.50
178	6.50	516.33	176.00
179	6.50	522.83	178.50
180	6.50	529.33	181.00
181	7.00	536.33	184.00
Total Deg. Days (D) for June/82 =		236.33	
182	7.33	543.67	187.33
183	7.75	551.42	191.08
184	8.00	559.42	195.08
185	7.83	567.25	198.92
186	7.33	574.58	202.25
187	7.00	581.58	205.25
188	7.00	588.58	208.25
189	7.00	595.58	211.25
190	7.00	602.58	214.25

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
168	17.0	43.36	65.63	Feb 22, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (M)
191	7.00	609.50	217.25
192	7.00	616.50	220.25
193	7.00	623.50	223.25
194	7.50	631.00	226.75
195	7.83	638.92	230.58
196	8.00	646.92	234.58
197	8.08	655.00	238.67
198	8.50	663.50	243.17
199	8.83	672.33	248.00
200	9.00	681.33	253.00
201	8.83	690.17	257.83
202	8.42	698.58	262.25
203	8.00	706.58	266.25

Estimated Deg. Days (D) for July/82 = 239.00

CAPE SABLE NS

Station	Depth	Latitude	Longitude	Start
16C	0.0	+3.36	65.03	July 20, 1982 11:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
209	8.00	8.00	5.33
210	8.00	16.00	9.33
211	8.00	24.00	13.33
212	8.00	32.00	17.33
213	8.00	40.00	21.33
214	8.00	48.00	25.33
215	8.00	56.00	29.33
216	8.00	64.00	33.33
217	8.00	72.00	37.33
218	8.00	80.00	41.33
219	8.00	88.00	45.33
220	8.08	96.08	49.42
221	8.50	104.58	53.92
222	9.25	113.83	59.17
223	9.08	122.92	64.25
224	9.00	131.92	69.25
225	8.67	140.58	73.92
226	8.50	149.08	78.42
227	8.92	158.00	83.33
228	8.67	166.67	88.00
229	8.00	174.67	92.00
230	7.92	182.58	95.92
231	7.25	189.83	99.17
232	7.00	196.83	102.17
233	7.00	203.83	105.17
234	6.33	210.17	107.50
235	6.00	216.17	109.50
236	6.00	222.17	111.50
237	6.42	228.58	113.92
238	6.83	235.42	116.75
239	7.00	242.42	119.75
240	7.00	249.42	122.75
241	7.00	256.42	125.75
242	7.00	263.42	128.75
243	7.00	270.42	131.75

Total Deg. Days (0) for Aug/82 = 236.42

244	7.00	277.42	134.75
245	7.00	284.42	137.75
246	7.00	291.42	140.75
247	6.58	298.00	143.33
248	6.50	304.50	145.83
249	6.00	310.50	147.83
250	6.00	316.50	149.83
251	6.08	322.58	151.92
252	6.50	329.08	154.42
253	6.92	336.00	157.33
254	7.00	343.00	160.33
255	7.00	350.00	163.33

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
16C	0.0	43.36	65.03	July 28, 1982 21:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (M)
256	7.00	357.00	166.33
257	7.00	364.00	169.33
258	7.00	371.00	172.33
259	7.08	378.08	175.42
260	7.50	385.58	178.92
261	7.50	393.08	182.42
262	7.50	400.58	185.92
263	7.83	408.42	189.75
264	8.08	416.50	193.83
265	8.83	425.33	198.67
266	9.50	434.83	204.17
267	9.75	444.58	209.92
268	10.00	454.58	215.92
269	10.00	464.58	221.92
270	11.00	475.58	228.92
271	11.00	486.58	235.92
272	11.83	498.42	243.75
273	12.50	510.92	252.25

Total Deg. Days (D) for Sept/82 = 240.50

274	12.50	523.42	260.75
275	12.75	536.17	269.50
276	13.00	549.17	278.50
277	13.00	562.17	287.50
278	13.00	575.17	296.50
279	13.00	588.17	305.50
280	13.00	601.17	314.50
281	13.00	614.17	323.50
282	13.00	627.17	332.50
283	12.50	639.67	341.00
284	12.25	651.92	349.25
285	12.00	663.92	357.25
286	12.00	675.92	365.25
287	12.00	687.92	373.25
288	12.00	699.92	381.25
289	12.00	711.92	389.25
290	12.00	723.92	397.25
291	12.00	735.92	405.25
292	12.00	747.92	413.25
293	11.67	759.58	420.92
294	11.50	771.08	428.42
295	11.50	782.58	435.92
296	11.00	793.58	442.92
297	10.83	804.42	449.75
298	10.50	814.92	456.25
299	10.50	825.42	462.75
300	10.17	835.58	468.92
301	10.00	845.58	474.92
302	10.00	855.58	480.92

CAPE SABLE NS ... continued

Station	Depth	Latitude	Longitude	Start
16C	0.0	43.38	65.63	July 28, 1982 11:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
303	10.00	865.58	488.92
304	10.25	875.83	493.17
Total Deg. Days (D) for Oct/82 =		364.92	
305	10.50	886.33	499.67
306	10.50	896.83	506.17
307	10.50	907.33	512.67
308	10.50	917.83	519.17
309	10.67	928.50	525.83
310	11.00	939.50	532.83
311	11.00	950.50	539.83
312	10.42	960.92	546.25
313	9.83	970.75	552.08
314	8.92	979.67	557.00
315	8.50	988.17	561.50
316	8.50	996.67	566.00
317	8.50	1005.17	570.50
318	8.50	1013.67	575.00
319	8.25	1021.92	579.25
320	7.25	1029.17	582.50
321	7.00	1036.17	585.50
322	7.00	1043.17	588.50
323	7.00	1050.17	591.50
324	7.00	1057.17	594.50
325	7.00	1064.17	597.50
326	7.08	1071.25	600.58
327	7.75	1079.00	604.33
328	8.00	1087.00	608.33
329	8.00	1095.00	612.33
330	8.00	1103.00	616.33
331	8.00	1111.00	620.33
332	7.42	1118.42	623.75
333	6.83	1125.25	626.58
334	7.00	1132.25	629.58
Total Deg. Days (D) for Nov/82 =		256.42	
335	7.00	1139.25	632.58
336	7.00	1146.25	635.58
337	7.00	1153.25	638.58
338	6.67	1159.92	641.25
339	7.00	1166.92	644.25
340	7.00	1173.92	647.25
341	7.00	1180.92	650.25
342	7.00	1187.92	653.25
343	7.00	1194.92	656.25
344	6.20	1201.12	658.98
Estimated Deg. Days (D) for Dec/82 =		213.49	

CROWELL BASIN NS

Station	Deptn	Latitude	Longitude	Start
17A	220.0	42.93	67.12	Aug 24, 1982 09:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
236	8.00	8.00	5.33
237	8.00	16.00	9.33
238	8.00	24.00	13.33
239	7.08	31.08	16.42
240	7.50	38.58	19.92
241	7.50	46.08	23.42
242	7.50	53.58	26.92
243	7.50	61.08	30.42
244	7.50	68.58	33.92
245	7.17	75.75	37.08
246	7.00	82.75	40.08
247	7.00	89.75	43.08
248	7.00	96.75	46.00
249	7.00	103.75	49.08
250	7.92	111.67	53.00
251	7.50	119.17	56.50
252	7.50	126.67	60.00
253	7.50	134.17	63.50
254	7.50	141.67	67.00
255	7.50	149.17	70.50
256	7.50	156.67	74.00
257	7.50	164.17	77.50
258	7.50	171.67	81.00
259	7.50	179.17	84.50
260	7.50	186.67	88.00
261	7.50	194.17	91.50
262	7.50	201.67	95.00
263	7.50	209.17	98.50
264	7.50	216.67	102.00
265	7.50	224.17	105.50
266	7.50	231.67	109.00

Estimated Deg. Days (0) for Sept/82 = 222.50

CROWELL BASIN NS

Station	Depth	Latitude	Longitude	Start
178	240.0	42.97	67.00	Oct 24, 1982 12:40 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
297	6.50	6.50	3.83
298	6.50	13.00	6.33
299	6.50	19.50	8.83
300	6.50	26.00	11.33
301	6.50	32.50	13.83
302	6.50	39.00	16.33
303	6.50	45.50	18.83
304	6.50	52.00	21.33
305	6.50	58.50	23.83
306	6.00	64.50	25.83
307	6.00	70.50	27.83
308	6.00	76.50	29.83
309	6.08	82.58	31.92
310	6.50	89.08	34.42
311	6.50	95.58	36.92
312	7.00	102.58	39.92
313	7.00	109.58	42.92
314	7.00	116.58	45.92
315	7.00	123.58	48.92
316	7.00	130.58	51.92
317	7.00	137.58	54.92
318	7.00	144.58	57.92
319	7.00	151.58	60.92
320	6.33	157.92	63.25
321	6.00	163.92	65.25
322	5.00	168.92	66.25
323	7.00	175.92	69.25
324	7.17	183.08	72.42
325	7.00	190.08	75.42
326	7.00	197.08	78.42
327	7.00	204.08	81.42
328	7.00	211.08	84.42
329	7.00	218.08	87.42
330	7.00	225.08	90.42
331	7.00	232.08	93.42
332	7.00	239.08	97.42

Estimated Deg. Days (D) for Nov/82 = 200.45

S W BROWNS BANK

Station	Depth	Latitude	Longitude	Start
18A	175.0	42.57	60.33	Aug 3, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
215	9.00	9.00	5.00
216	9.25	18.25	10.25
217	9.50	27.75	15.75
218	9.50	37.25	21.25
219	9.00	46.25	26.25
220	9.58	55.83	31.83
221	9.83	65.67	37.67
222	9.83	75.50	43.50
223	9.50	85.00	50.33

CROWELL BASIN NS

Station	Deptn	Latitude	Longitude	Start
178	240.0	42.97	67.00	Oct 24, 1982 12:40 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
297	6.50	6.50	3.83
298	6.50	13.00	6.33
299	6.50	19.50	8.83
300	6.50	26.00	11.33
301	6.50	32.50	13.83
302	6.50	39.00	16.33
303	6.50	45.50	18.83
304	6.50	52.00	21.33
305	6.50	58.50	23.83
306	6.00	64.50	25.83
307	6.00	70.50	27.83
308	6.00	76.50	29.83
309	6.08	82.58	31.92
310	6.50	89.08	34.42
311	6.50	95.58	36.92
312	7.00	102.58	39.92
313	7.00	109.58	42.92
314	7.00	116.58	45.92
315	7.00	123.58	48.92
316	7.00	130.58	51.92
317	7.00	137.58	54.92
318	7.00	144.58	57.92
319	7.00	151.58	60.92
320	6.33	157.92	63.25
321	6.00	163.92	65.25
322	5.00	168.92	66.25
323	7.00	175.92	69.25
324	7.17	183.08	72.42
325	7.00	190.08	75.42
326	7.00	197.08	78.42
327	7.00	204.08	81.42
328	7.00	211.08	84.42
329	7.00	218.08	87.42
330	7.00	225.08	90.42
331	7.00	232.08	93.42
332	7.00	239.08	97.42

Estimated Deg. Days (0) for Nov/82 = 200.45

S W BROWNS BANK

Station	Depth	Latitude	Longitude	Start
18A	175.0	42.57	66.33	Aug 3, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
215	9.00	9.00	5.00
216	9.25	18.25	10.25
217	9.50	27.75	15.75
218	9.50	37.25	21.25
219	9.00	46.25	26.25
220	9.58	55.83	31.83
221	9.83	65.67	37.67
222	9.83	75.50	43.50
223	9.50	85.00	50.33

S W BROWNS BANK NS

Station	Depth	Latitude	Longitude	Start
188	160.0	42.60	66.83	Sept 29, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
272		* NO DATA *	
273	6.00	6.00	2.00
274	5.75	11.75	3.75
275	5.50	17.25	5.25
276	5.58	22.83	6.83
277	6.00	28.83	8.83
278	5.58	34.42	10.42
279	5.50	39.92	11.92
280	5.83	45.75	13.75
281	6.00	51.75	15.75
282	6.00	57.75	17.75
283	5.83	63.58	19.58
284	5.50	69.08	21.08
285	5.50	74.58	22.58
286	5.50	80.08	24.08
287		* NO DATA *	
288		* NO DATA *	
289		* NO DATA *	
290		* NO DATA *	
291		* NO DATA *	
292		* NO DATA *	
293		* NO DATA *	
294		* NO DATA *	
295		* NO DATA *	
296		* NO DATA *	
297		* NO DATA *	
298		* NO DATA *	
299		* NO DATA *	
300		* NO DATA *	
301		* NO DATA *	
302	6.00	86.08	27.42
303	6.75	92.83	30.17
304	7.00	99.83	33.17

Total Deg. Days (0) for Oct/82 = 93.83

305	7.00	106.83	36.17
306	7.00	113.83	39.17
307	7.00	120.83	42.17
308	7.00	127.83	45.17
309	7.00	134.83	48.17
310	7.25	142.08	51.42
311	7.92	150.00	55.33
312	8.00	158.00	59.33
313	7.83	165.83	63.17
314	7.50	173.33	66.67
315	7.50	180.83	70.17
316	7.50	188.33	73.67
317	7.50	195.83	77.17
318	7.50	203.33	80.67

S W BROWNS BANK NS ... continued

Station	Deptn	Latitude	Longitude	Start
188	160.0	42.60	66.83	Sept 29, 1982 20:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
319	7.50	210.83	84.17
320	7.50	218.33	87.67
321	7.50	225.83	91.17
322	7.50	233.33	94.67
323	7.50	240.83	98.17
324	7.50	248.33	101.67
325	7.50	255.83	105.17
326	7.50	263.33	108.67
327	7.50	270.83	112.17
328	7.58	278.42	115.75
329	8.00	286.42	119.75
330	8.00	294.42	123.75
331	8.50	302.92	128.25
332	8.50	311.42	132.75
333	8.50	319.92	137.25
334	8.50	328.42	141.75

Total Deg. Days (C) for Nov/82 = 228.58

335	8.50	336.92	147.58

PORT LATOUR NS

Station	Depth	Latitude	Longitude	Start
20A	21.0	43.49	65.43	Dec 5, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
339	7.00	7.00	4.33
340	7.00	14.00	7.33
341	7.00	21.00	10.33
342	7.00	28.00	13.33
343	7.00	35.00	16.33
344	7.00	42.00	19.33
345	7.00	49.00	22.33
346	7.00	56.00	25.33
347	6.67	62.67	28.00
348	6.50	69.17	30.50
349	6.33	75.50	32.83
350	6.00	81.50	34.83
351	6.50	88.00	37.33
352	6.08	94.08	39.42
353	6.00	100.08	41.42
354	6.00	106.08	43.42
355	5.92	112.00	45.33
356	5.42	117.42	46.75
357	5.50	122.92	48.25
358	5.50	128.42	49.75
359	5.50	133.92	51.25
360	5.17	139.08	52.42
361	5.00	144.08	53.42
362	5.00	149.08	54.42
363	5.00	154.08	55.42
364	5.00	159.08	56.42
365	4.58	163.67	57.00

Estimated Deg. Days (C) for Dec/81 = 181.20

1	4.00	167.67	57.00
2	4.25	171.92	57.25
3	4.00	175.92	57.25
4	4.00	179.92	57.25
5	3.83	183.75	57.25
6	4.00	187.75	57.25
7	4.00	191.75	57.25
8	4.00	195.75	57.25
9	4.00	199.75	57.25
10	3.92	203.67	57.25
11	3.75	207.42	57.25
12	3.67	210.58	57.25
13	2.50	213.08	57.25
14	2.50	215.58	57.25
15	2.75	218.33	57.25
16	2.83	221.17	57.25
17	2.67	223.83	57.25
18	2.67	226.50	57.25
19	3.83	229.83	57.25
20	3.83	233.17	57.25

PORT LATOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
20A	21.0	43.49	65.43	Dec 5, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
21	3.58	236.75	57.25
22	2.33	239.08	57.25
23	1.75	240.83	57.25
24	1.50	242.33	57.25
25	1.58	243.92	57.25
26	3.17	247.08	57.25
27	3.00	250.08	57.25
28	2.00	252.08	57.25
29	1.50	253.58	57.25
30	1.00	254.58	57.25
31	1.25	255.83	57.25
Total Deg. Days (C) for Jan/82 =		92.17	
32	1.58	257.42	57.25
33	1.67	259.08	57.25
34	2.00	261.08	57.25
35	2.00	263.08	57.25
36	2.00	265.08	57.25
37	2.00	267.08	57.25
38	2.00	269.08	57.25
39	2.00	271.08	57.25
40	2.42	273.50	57.25
41	2.00	275.50	57.25
42	2.00	277.50	57.25
43	2.00	279.50	57.25
44	2.00	281.50	57.25
45	1.75	283.25	57.25
46	1.50	284.75	57.25
47	1.17	285.92	57.25
48	1.50	287.42	57.25
49	1.00	288.42	57.25
50	1.00	289.42	57.25
51	1.00	290.42	57.25
52	1.00	291.42	57.25
53	1.00	292.42	57.25
54	1.00	293.42	57.25
55	1.00	294.42	57.25
56	.83	295.25	57.25
57	.25	295.50	57.25
58	0.00	295.50	57.25
59	.83	295.83	57.25
Total Deg. Days (C) for Feb/82 =		40.00	
60	0.00	295.83	57.25
61	0.00	295.83	57.25
62	0.00	295.83	57.25
63	.42	296.25	57.25
64	0.00	296.25	57.25

PORT LATOUR NS ... continued

Station	Deptn	Latitude	Longitude	Start
20A	21.0	43.49	65.43	Dec 5, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
65	.83	296.58	57.25
66	.50	297.08	57.25
67	.50	297.58	57.25
68	.50	298.08	57.25
69	.75	298.83	57.25
70	.50	299.33	57.25
71	.50	299.83	57.25
72	.50	300.33	57.25
73	.50	300.83	57.25
74	.50	301.33	57.25
75	.50	301.83	57.25
76	.50	302.33	57.25
77	.58	302.92	57.25
78	1.00	303.92	57.25
79	1.00	304.92	57.25
80	.83	305.75	57.25
81	.50	306.25	57.25
82	.50	306.75	57.25
83	.50	307.25	57.25
84	.50	307.75	57.25
85	.67	308.42	57.25
86	1.08	309.50	57.25
87	1.00	310.50	57.25
88	.50	311.00	57.25
89	.50	311.50	57.25
90	.50	312.00	57.25

Total Deg. Days (0) for Mar/82 = 16.17

91	.67	312.67	57.25
92	1.00	313.67	57.25
93	1.00	314.67	57.25
94	1.33	316.00	57.25
95	1.50	317.50	57.25
96	1.50	319.00	57.25
97	1.50	320.50	57.25
98	1.50	322.00	57.25
99	1.08	323.08	57.25
100	1.25	324.33	57.25
101	1.50	325.83	57.25
102	1.50	327.33	57.25
103	1.50	328.83	57.25
104	1.83	330.67	57.25
105	2.00	332.67	57.25
106	2.00	334.67	57.25
107	2.00	336.67	57.25
108	2.17	338.83	57.25
109	2.50	341.33	57.25
110	2.50	343.83	57.25
111	3.00	346.83	57.25

PORT LATOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
20A	21.0	43.49	65.43	Dec 5, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
112	3.00	349.83	57.25
113	3.25	353.08	57.25
114	3.50	356.58	57.25
115	3.67	360.25	57.25
116	4.00	364.25	57.25
117	4.00	368.25	57.25
118	4.00	372.25	57.25
119	4.00	376.25	57.25
120	4.00	380.25	57.25

Total Deg. Days (C) for Apr/82 = 68.25

121	4.08	384.33	57.33
122	4.50	388.83	57.83
123	4.50	393.33	58.33
124	4.33	397.67	58.67
125	4.00	401.67	58.67
126	4.00	405.67	58.67
127	4.08	409.75	58.75
128	4.50	414.25	59.25
129	4.50	418.75	59.75
130	4.17	422.92	59.92
131	4.58	427.50	60.50
132	5.08	432.58	61.58
133	5.50	438.08	63.08
134	5.50	443.58	64.58
135	5.50	449.08	66.08
136	5.50	454.58	67.58
137	5.25	459.83	68.83
138	5.33	465.17	70.17
139	6.08	471.25	72.25
140	6.25	477.50	74.50
141	5.00	482.50	75.50
142	5.00	487.50	77.03

Estimated Deg. Days (C) for May/82 = 151.13

INGOMAR NS

Station	Deptn	Latitude	Longitude	Start
218	40.0	+3.53	65.31	Jan 30, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
30	-.99	0.00	0.00
31	-.99	0.00	0.00
32	-.99	0.00	0.00
33	-.99	0.00	0.00
34	-.82	0.00	0.00
35	-.82	0.00	0.00
36	-.66	0.00	0.00
37	-.99	0.00	0.00
38	-.99	0.00	0.00
39	-.82	0.00	0.00
40	-.49	0.00	0.00
41	-.49	0.00	0.00
42	-.57	0.00	0.00
43	-.99	0.00	0.00
44	-.99	0.00	0.00
45	-1.16	0.00	0.00
46	-1.49	0.00	0.00
47	-1.49	0.00	0.00
48	-1.49	0.00	0.00
49	-1.49	0.00	0.00
50	-1.49	0.00	0.00
51	-1.49	0.00	0.00
52	-1.49	0.00	0.00
53	-1.57	0.00	0.00
54	-1.99	0.00	0.00
55	-1.57	0.00	0.00
56	-1.66	0.00	0.00
57	-1.99	0.00	0.00
58	-1.99	0.00	0.00
59	-1.99	0.00	0.00
Total Deg. Days (0) for Feb/82 =		0.00	
60	-1.99	0.00	0.00
61	-2.32	0.00	0.00
62	-2.49	0.00	0.00
63	-2.07	0.00	0.00
64	-1.99	0.00	0.00
65	-1.99	0.00	0.00
66	-1.99	0.00	0.00
67	-1.99	0.00	0.00
68	-1.99	0.00	0.00
69	-1.99	0.00	0.00
70	-1.99	0.00	0.00
71	-1.99	0.00	0.00
72	-.91	0.00	0.00
73	-.99	0.00	0.00
74	-1.41	0.00	0.00
75	-1.99	0.00	0.00
76	-1.99	0.00	0.00

INGOMAR NS ... continued

Station	Deptn	Latitude	Longitude	Start
218	40.0	43.53	65.31	Jan 30, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
77	-1.66	0.00	0.00
78	-1.57	0.00	0.00
79	-1.49	0.00	0.00
80	-1.49	0.00	0.00
81	-1.07	0.00	0.00
82	-1.74	0.00	0.00
83	-1.57	0.00	0.00
84	-1.32	0.00	0.00
85	-1.24	0.00	0.00
86	-.99	0.00	0.00
87	-1.74	0.00	0.00
88	-1.99	0.00	0.00
89	-1.99	0.00	0.00
90	-1.99	0.00	0.00

Total Deg. Days (0) for Mar/82 = 0.00

91	-1.57	0.00	0.00
92	-1.49	0.00	0.00
93	-1.49	0.00	0.00
94	-1.07	0.00	0.00
95	-.99	0.00	0.00
96	-.99	0.00	0.00
97	-.99	0.00	0.00
98	-1.49	0.00	0.00
99	-1.49	0.00	0.00
100	-1.16	0.00	0.00
101	-.99	0.00	0.00
102	-.99	0.00	0.00
103	-.99	0.00	0.00
104	-.82	0.00	0.00
105	-.66	0.00	0.00
106	-.49	0.00	0.00
107	-.07	0.00	0.00
108	0.00	0.00	0.00
109	0.00	0.00	0.00
110	0.00	0.00	0.00
111	.92	.08	0.00
112	1.00	1.08	0.00
113	1.00	2.08	0.00
114	1.00	3.08	0.00
115	1.25	4.33	0.00
116	1.50	5.83	0.00
117	1.92	7.75	0.00
118	1.50	9.25	0.00
119	1.50	10.75	0.00
120	1.50	12.25	0.00

Total Deg. Days (0) for Apr/82 = 13.08

INGOMAR NS ... continued

Station	Deptn	Latitude	Longitude	Start
218	40.0	43.53	65.31	Jan 30, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (A)
121	1.50	13.75	0.00
122	1.92	15.67	0.00
123	1.58	17.25	0.00
124	2.33	19.58	0.00
125	3.33	22.92	0.00
126	4.58	27.50	0.00
127	4.92	32.42	0.00
128	5.67	38.08	0.00
129	5.92	44.00	.92
130	5.25	49.25	2.17
131	5.17	54.42	3.33
132	3.75	58.17	3.42
133	3.00	61.17	3.42
134	3.00	64.17	3.42
135	3.00	67.17	3.42
136	3.00	70.17	3.42
137	4.25	74.42	3.67
138	4.00	78.42	3.67
139	4.00	82.42	3.67
140	4.33	86.75	4.00
141	3.33	90.08	4.00
142	3.83	93.92	4.00
143	4.42	98.33	4.42
144	4.50	102.83	4.92
145	4.50	107.33	5.42
146	4.67	112.00	6.08
147	5.92	117.92	8.00
148	5.67	123.58	9.67
149	5.33	128.92	11.00
150	5.67	134.58	12.67
151	4.83	139.42	13.50

Total Deg. Days (O) for May/82 = 127.17

152	4.17	143.58	13.67
153	5.08	148.67	14.75
154	5.08	153.75	15.83
155	6.00	159.75	17.83
156	6.17	165.92	20.00
157	6.00	171.92	22.00
158	6.50	178.42	24.50
159	5.00	183.42	25.50
160	5.00	188.42	26.50
161	5.00	193.42	27.50
162	5.00	198.42	28.50
163	5.00	203.42	29.50
164	5.50	208.92	31.00
165	5.50	214.42	32.50
166	5.50	219.92	34.00
167	6.92	226.83	36.92

INGOMAR NS ... continued

Station	Depth	Latitude	Longitude	Start
218	40.0	43.53	65.31	Jan 30, 1982 17:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
168	6.42	233.25	39.33
169	6.00	239.25	41.33
170	6.42	245.67	43.75
171	7.50	253.17	47.25
172	7.00	260.17	50.25
173	7.00	267.17	53.25
174	7.00	274.17	56.25
175	6.83	281.00	59.08
176	6.25	287.25	61.33
177	7.25	294.50	64.58
178	6.75	301.25	67.33
179	7.83	309.08	71.17
180	8.00	317.08	75.17
181	7.83	324.92	79.00

Total Deg. Days (3) for June/82 = 185.50

182	6.25	331.17	81.25
183	6.50	337.67	83.75
184	6.67	344.33	86.42
185	5.58	349.92	88.00
186	6.33	356.25	90.33
187	6.17	362.42	92.50
188	6.08	368.50	94.58
189	4.58	373.08	95.17
190	4.92	378.00	96.08
191	5.50	383.50	98.92

Estimated Deg. Days (3) for July/82 = 181.51

MOUTH OF ST MARGARET'S BAY NS

Station	Depth	Latitude	Longitude	Start
25A	20.0	44.50	64.96	June 16, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
167	2.00	2.00	0.00
168	1.67	3.67	0.00
169	1.58	5.25	0.00
170	1.83	7.08	0.00
171	1.67	8.75	0.00
172	1.42	10.17	0.00
173	1.50	11.67	0.00
174	1.33	13.00	0.00
175	1.00	14.00	0.00
176	1.00	15.00	0.00
177	1.00	16.00	0.00
178	1.00	17.00	0.00
179	1.00	18.00	0.00
180	1.17	19.17	0.00
181	1.33	20.50	0.00

Estimated Deg. Days (0) for June/81 = 38.44

182	1.50	22.00	0.00
183	1.58	23.58	0.00
184	1.67	25.25	0.00
185	1.50	26.75	0.00
186	1.00	27.75	0.00
187	1.00	28.75	0.00
188	1.00	29.75	0.00
189	1.00	30.75	0.00
190	1.00	31.75	0.00
191	1.00	32.75	0.00
192	1.25	34.00	0.00
193	1.42	35.42	0.00
194	1.75	37.17	0.00
195	1.50	38.67	0.00
196	1.50	40.17	0.00
197	1.08	41.25	0.00
198	1.00	42.25	0.00
199	1.42	43.67	0.00
200	1.50	45.17	0.00
201	1.67	46.83	0.00
202	2.33	49.17	0.00
203	2.00	51.17	0.00
204	1.83	53.00	0.00
205	2.00	55.00	0.00
206	2.08	57.08	0.00
207	2.42	59.50	0.00
208	2.25	61.75	0.00
209	2.42	64.17	0.00
210	2.50	66.67	0.00
211	2.92	69.58	0.00
212	3.08	72.67	0.00

Total Deg. Days (0) for July/81 = 52.17

MOUTH OF ST MARGARET'S BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
25A	20.3	44.50	64.96	June 16, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
213	3.83	76.00	0.00
214	3.00	79.00	0.00
215	3.17	82.17	0.00
216	3.00	85.17	0.00
217	2.92	88.08	0.00
218	8.00	96.08	4.00
219	11.00	107.08	11.00
220	11.50	118.58	18.50
221	11.33	129.92	25.83
222	11.33	141.25	33.17
223	8.92	150.17	38.08
224	5.83	156.00	39.92
225	3.92	159.92	40.17
226	3.58	163.50	40.25
227	3.00	166.50	40.25
228	2.67	169.17	40.25
229	2.25	171.42	40.25
230	2.25	173.67	40.25
231	2.58	176.25	40.25
232	3.08	179.33	40.25
233	3.75	183.08	40.33
234	4.83	187.92	41.17
235	5.58	193.50	42.75
236	3.67	197.17	43.08
237	7.08	204.25	46.17
238	7.42	211.67	49.58
239	6.75	218.42	52.33
240	7.25	225.67	55.58
241	7.00	232.67	58.58
242	6.67	239.33	61.25
243	7.50	246.83	64.75

Total Deg. Days (0) for Aug/81 = 174.17

244	8.83	255.67	69.58
245	11.67	267.33	77.25
246	14.42	281.75	87.67
247	15.00	296.75	98.67
248	15.00	311.75	109.67
249	15.00	326.75	120.67
250	15.00	341.75	131.67
251	14.83	356.58	142.50
252	15.00	371.58	153.50
253	14.50	386.08	164.00
254	13.58	399.67	173.58
255	12.17	411.83	181.75
256	10.83	422.67	188.58
257	9.50	432.17	194.08
258	10.92	443.08	201.00
259	11.83	454.92	208.83

MOUTH OF ST MARGARET'S BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
25A	20.0	44.50	64.96	June 16, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
260	12.08	467.00	216.92
261	13.83	480.83	226.75
262	10.00	490.83	232.75
263	5.92	496.75	234.67
264	6.00	502.75	236.67
265	7.00	509.75	239.67
266	9.58	519.33	245.25
267	10.83	530.17	252.00
268	10.08	540.25	258.17
269	9.92	550.17	264.08
270	9.92	560.08	270.00
271	7.67	567.75	273.67
272	5.50	573.25	275.17
273	5.00	578.25	276.17

Total Deg. Days (C) for Sept/81 = 331.42

274	5.00	583.25	277.17
275	5.17	588.42	278.33
276	5.00	593.42	280.67

ST MARGARET'S BAY NS

Station	Depth	Latitude	Longitude	Start
258	1.0	44.51	63.92	June 18, 1981 21:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
169		* NO DATA *	
170	10.67	10.67	6.67
171	10.25	20.92	12.92
172	9.67	30.58	18.58
173	9.92	40.50	24.50
174	10.17	50.67	30.67
175	9.33	60.00	36.00
176	10.92	70.92	42.92
177	11.17	82.08	50.08
178	8.83	90.92	54.92
179	10.33	101.25	61.25
180	11.75	113.00	69.00
181	11.33	124.33	76.33

Estimated Deg. Days (C) for June/81 = 266.43

182	11.25	135.58	83.58
183	12.17	147.75	91.75
184	13.33	161.08	101.08
185	14.33	175.42	111.42
186	15.50	190.92	122.92
187	13.75	204.67	132.67
188	13.33	218.00	142.00
189	14.00	232.00	152.00
190	12.17	244.17	160.17
191	12.92	257.08	169.08
192	12.58	269.67	177.67
193	12.33	282.00	186.00
194	12.08	294.08	194.08
195	11.33	305.42	201.42
196	11.00	316.42	208.42
197	9.58	326.00	214.00
198	10.33	336.33	220.33
199	11.08	347.42	227.42
200	10.58	358.00	234.00
201	11.83	369.83	241.83
202	12.25	382.08	250.08
203	11.33	393.42	257.42
204	12.58	406.00	266.00
205	13.67	419.67	275.67
206	13.08	432.75	284.75
207	12.83	445.58	293.58
208	12.83	458.42	302.42
209	13.00	471.42	311.42
210	12.67	484.08	320.08
211	12.75	496.83	328.83
212	13.33	510.17	338.17

Total Deg. Days (C) for July/81 = 385.83

ST MARGARET'S BAY NS ... continued

Station	Deptn	Latitude	Longitude	Start
258	1.0	44.51	63.92	June 18, 1981 21:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
213	13.50	523.67	347.67
214	14.67	538.33	358.33
215	14.83	553.17	369.17
216	14.42	567.58	379.58
217	16.17	583.75	391.75
218	15.25	599.00	403.00
219	14.50	613.50	413.50
220	15.58	629.08	425.08
221	15.92	645.00	437.00
222	16.17	661.17	449.17
223	16.17	677.33	461.33
224	16.00	693.33	473.33
225	15.92	709.25	485.25
226	16.08	725.33	497.33
227	16.00	741.33	509.33
228	16.25	757.58	521.58
229	15.50	773.08	533.08
230	15.58	788.67	544.67
231	14.42	803.08	555.08
232	14.67	817.75	565.75
233	14.50	832.25	576.25
234	15.75	848.00	588.00
235	16.75	864.75	600.75
236	16.58	881.33	613.33
237	16.00	897.33	625.33
238	15.58	912.92	636.92
239	15.50	928.42	648.42
240	15.58	944.00	660.00
241	16.00	960.00	672.00
242	16.00	976.00	684.00
243	16.00	992.00	696.00

Total Deg. Days (0) for Aug/81 = 481.83

244	15.92	1007.92	707.92
245	16.75	1024.67	720.67
246	17.00	1041.67	733.67
247	17.00	1058.67	746.67
248	17.00	1075.67	759.67
249	16.83	1092.50	772.50
250	16.50	1109.00	785.00
251	16.50	1125.50	797.50
252	16.75	1142.25	810.25
253	16.50	1158.75	822.75
254	16.50	1175.25	835.25
255	16.50	1191.75	847.75
256	16.92	1208.67	860.67
257	17.00	1225.67	873.67
258	17.00	1242.67	886.67
259	17.00	1259.67	899.67

ST MARGARET'S BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
258	1.0	44.51	63.92	June 18, 1981 21:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
260	16.92	1276.58	912.58
261	16.50	1293.08	925.08
262	16.75	1309.83	937.83
263	16.25	1326.08	950.08
264	16.00	1342.08	962.08
265	16.00	1358.08	974.08
266	16.00	1374.08	986.08
267	15.83	1389.92	997.92
268	15.50	1405.42	1009.42
269	15.50	1420.92	1020.92
270	15.00	1435.92	1031.92
271	15.00	1450.92	1042.92
272	15.00	1465.92	1053.92
273	14.58	1480.50	1064.50

Total Deg. Days (D) for Sept/81 = 488.50

274	13.17	1493.67	1073.67
275	11.00	1504.67	1080.67
276	11.83	1516.50	1088.50
277	11.75	1528.25	1096.25
278	11.25	1539.50	1103.50
279	11.08	1550.58	1110.58
280	10.83	1561.42	1117.42
281	10.83	1572.25	1124.25
282	10.42	1582.67	1130.67
283	9.17	1591.83	1135.83
284	8.83	1600.67	1140.67
285	10.00	1610.67	1146.67
286	10.42	1621.08	1153.08
287	11.00	1632.08	1160.08
288	11.00	1643.08	1167.08
289	11.00	1654.08	1174.08
290	11.00	1665.08	1181.08
291	11.00	1676.08	1188.08
292	11.00	1687.08	1195.08
293	11.00	1698.08	1202.62

Estimated Deg. Days (D) for Oct/81 = 337.25

EAST DOVER NS

Station	Depth	Latitude	Longitude	Start
26	7.0	44.50	63.83	Apr 20, 1982 19:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
110	2.00	2.00	0.00
111	1.25	3.25	0.00
112	1.00	4.25	0.00
113	.50	4.75	0.00
114	.83	5.58	0.00
115	1.00	6.58	0.00
116	1.33	7.92	0.00
117	1.92	9.83	0.00
118	2.00	11.83	0.00
119	1.25	13.08	0.00
120	.50	13.58	0.00

Estimated Deg. Days (C) for Apr/82 = 33.96

121	1.00	14.58	0.00
122	1.00	15.58	0.00
123	1.83	17.42	0.00
124	1.50	18.92	0.00
125	1.50	20.42	0.00
126	1.58	22.00	0.00
127	2.00	24.00	0.00
128	2.50	26.50	0.00
129	3.42	29.92	0.00
130	4.00	33.92	0.00
131	2.75	36.67	0.00
132	3.25	39.92	0.00
133	4.00	43.92	0.00
134	3.17	47.08	0.00
135	3.00	50.08	0.00
136	3.50	53.58	0.00
137	3.50	57.08	0.00
138	3.92	61.00	0.00
139	3.83	64.83	0.00
140	4.58	69.42	0.00
141	5.00	74.42	0.00
142	4.67	79.08	.58
143	5.00	84.08	1.58
144	5.00	89.08	2.58
145	5.08	94.17	3.67
146	5.42	99.58	5.08
147	5.17	104.75	6.25
148	6.00	110.75	8.25
149	5.83	116.58	10.08
150	5.83	122.42	11.92
151	6.00	128.42	13.92

Total Deg. Days (C) for May/82 = 114.83

152	6.08	134.50	16.00
153	6.92	141.42	18.92

EAST DOVER NS ... continued

Station	Deptn	Latitude	Longitude	Start
26	7.3	44.50	63.83	Apr 20, 1982 19:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
154	7.83	148.75	22.25
155	7.17	155.92	25.42
156	7.58	163.50	29.00
157	7.17	170.67	32.17
158	7.75	178.42	35.92
159	7.75	186.17	39.67
160	7.50	193.67	43.17
161	8.00	201.67	47.17
162	8.00	209.67	51.17
163	8.00	217.67	55.17
164	8.00	225.67	59.17
165	8.17	233.83	63.33
166	7.58	241.42	66.92
167	7.00	248.42	69.92
168	7.33	255.75	73.25
169	7.00	262.75	76.25
170	7.00	269.75	79.25
171	6.92	276.67	82.17
172	7.00	283.67	85.17
173	7.00	290.67	88.17
174	7.00	297.67	91.17
175	7.17	304.83	94.33
176	5.75	310.58	96.08
177	5.92	316.50	98.00
178	5.83	322.33	99.83
179	6.08	328.42	101.92
180	8.33	336.75	106.25
181	9.00	345.75	111.25

Total Deg. Days (0) for June/82 = 217.33

182	8.58	354.33	115.83
183	6.33	360.67	118.17
184	7.75	368.42	121.92
185	6.83	375.25	124.75
186	5.83	381.08	126.58
187	6.92	388.00	129.50
188	7.83	395.83	133.33
189	6.42	402.25	135.75
190	5.58	407.83	137.33
191	5.50	413.33	138.83
192	4.75	418.08	139.58
193	6.17	424.25	141.75
194	7.33	431.58	145.08
195	6.92	438.50	148.00
196	6.58	445.08	150.58
197	6.67	451.75	153.25
198	6.83	458.58	156.08
199	7.58	466.17	159.67
200	9.17	475.33	164.83

EAST DOVER NS ... continued

Station	Depth	Latitude	Longitude	Start
26	7.0	44.50	63.83	Apr 20, 1982 19:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
201	7.58	482.92	168.42
202	7.00	489.92	171.42
203	8.67	498.58	176.08
204	10.08	508.67	182.17
205	7.58	516.25	185.75
206	7.83	524.08	189.58
207	9.00	533.08	194.58
208	6.50	539.58	197.08
209	6.33	545.92	199.42
210	9.08	555.00	204.50
211	8.83	563.83	209.33
212	5.67	569.50	211.00
Total Deg. Days (0) for July/82 =		223.75	
213	5.67	575.17	212.67
214	6.50	581.67	215.17
215	6.00	587.67	217.17
216	6.25	593.92	219.42
217	7.58	601.50	223.00
218	9.25	610.75	228.25
219	10.83	621.58	235.08
220	11.25	632.83	242.33
221	12.00	644.83	250.33
222	12.50	657.33	258.83
223	13.00	670.33	267.83
224	13.00	683.33	276.83
225	13.00	696.33	285.83
226	13.00	709.33	294.83
227	13.00	722.33	303.83
228	12.33	734.67	312.17
229	11.50	746.17	319.67
230	12.17	758.33	327.83
231	8.67	767.00	332.50
232	11.33	778.33	339.83
233	9.58	787.92	345.42
234	6.50	794.42	347.92
235	6.42	800.83	350.33
236	7.83	808.67	354.17
237	8.33	817.00	358.50
238	8.50	825.50	363.00
239	8.08	833.58	367.08
240	8.00	841.58	371.08
241	5.75	847.33	372.83
242	5.42	852.75	374.25
243	6.92	859.67	377.17
Total Deg. Days (0) for Aug/82 =		290.17	
244	7.75	867.42	380.92

EAST DOVER NS ... continued

Station	Depth	Latitude	Longitude	Start
26	7.0	44.50	63.83	Apr 20, 1982 19:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
245	6.83	874.25	383.75
246	7.67	881.92	387.42
247	7.75	889.67	391.17
248	6.67	896.33	393.83
249	5.50	901.83	395.33
250	4.67	906.50	396.00
251	4.58	911.08	396.38
252	5.92	917.00	398.50
253	6.42	923.42	400.92
254	6.42	929.83	403.33
255	6.17	936.00	405.50
256	6.75	942.75	408.25
257	7.17	949.92	411.42
258	7.33	957.25	414.75
259	7.58	964.83	418.33
260	8.58	973.42	422.92
261	9.83	983.25	428.75
262	10.67	993.92	435.42
263	11.50	1005.42	442.92
264	11.50	1016.92	450.42
265	12.00	1028.92	458.42
266	12.75	1041.67	467.17
267	13.50	1055.17	478.00

Estimated Deg. Days (C) for Sept/82 = 244.38

COIL COVE NS

Station	Deptn	Latitude	Longitude	Start
27	7.0	44.51	63.84	Oct 22, 1981 17:15 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
295	11.00	11.00	7.00
296	11.00	22.00	14.00
297	11.33	33.33	21.33
298	11.33	44.67	28.67
299	11.00	55.67	35.67
300	11.00	66.67	42.67
301	11.00	77.67	49.67
302	11.00	88.67	56.67
303	11.00	99.67	63.67
304	11.00	110.67	70.67

Estimated Deg. Days (C) for Oct/81 = 311.88

305	10.83	121.50	77.50
306	10.00	131.50	83.50
307	10.00	141.50	89.50
308	9.75	151.25	95.25
309	9.50	160.75	100.75
310	9.50	170.25	106.25
311	9.42	179.67	111.67
312	9.00	188.67	116.67
313	9.00	197.67	121.67
314	8.92	206.58	126.58
315	8.50	215.08	131.08
316	8.08	223.17	135.17
317	8.00	231.17	139.17
318	8.50	239.67	143.67
319	8.50	248.17	148.17
320	8.50	256.67	152.67
321	8.33	265.00	157.00
322	8.42	273.42	161.42
323	8.50	281.92	165.92
324	8.50	290.42	170.42
325	8.00	298.42	175.75

Estimated Deg. Days (C) for Nov/81 = 268.21

PLEASANT POINT POND NS

Station	Deptn	Latitude	Longitude	Start
29A	3.0	44.72	63.08	Nov 24, 1981 17:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
328	8.00	8.00	4.00
329	8.00	16.00	8.00
330	8.00	24.00	12.00
331	5.58	29.58	13.58
332	4.50	34.08	14.08
333	4.50	38.58	14.58
334	4.42	43.00	15.00
335	3.50	46.50	15.00
336	2.67	49.17	15.00
337	2.75	51.92	15.00
338	3.92	55.83	15.08
339	4.67	60.50	15.75
340	5.00	65.50	16.75
341	5.58	71.08	18.33
342	6.00	77.08	20.33
343	6.00	83.08	22.33
344	6.00	89.08	24.33
345	6.00	95.08	26.33
346	6.00	101.08	28.33
347	6.00	107.08	30.33
348	6.00	113.08	32.33
349	6.00	119.08	34.33
350	5.50	124.58	35.83
351	5.00	129.58	36.83
352	5.00	134.58	37.83
353	5.00	139.58	38.83
354	5.00	144.58	39.83
355	5.00	149.58	40.83
356	4.92	154.50	41.75
357	4.50	159.00	42.25
358	4.50	163.50	42.75
359	4.00	167.50	42.92
360	3.50	171.00	42.92
361	3.42	174.42	42.92
362	2.17	176.58	42.92
363	2.00	178.58	42.92
364	2.00	180.58	42.92
365	2.00	182.58	42.92

Total Deg. Days (C) for Dec/81 = 139.58

1	2.00	184.58	42.92
2	1.67	186.25	42.92
3	1.42	187.67	42.92
4	1.00	188.67	42.92
5	1.33	190.00	42.92
6	2.00	192.00	42.92
7	2.00	194.00	42.92
8	2.00	196.00	42.92
9	2.00	198.00	42.92

PLEASANT POINT POND NS ...(continued

Station	Depth	Latitude	Longitude	Start
29A	3.0	44.72	63.08	Nov 24, 1981 17:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
10	1.92	199.92	42.92
11	1.00	200.92	42.92
12	1.00	201.92	42.92
13	1.00	202.92	42.92
14	.75	203.67	42.92
15	.50	204.17	42.92
16	.50	204.67	42.92
17	.50	205.17	42.92
18	.75	205.92	42.92
19	1.00	206.92	42.92
20	1.00	207.92	42.92
21	1.00	208.92	42.92
22	1.00	209.92	42.92
23	1.00	210.92	42.92
24	.58	211.50	42.92
25	0.00	211.50	42.92
26	0.00	211.50	42.92
27	0.00	211.50	42.92
28	0.00	211.50	42.92
29	0.00	211.50	42.92
30	0.00	211.50	42.92
31	0.00	211.50	42.92

Total Deg. Days (3) for Jan/82 = 28.92

32	-.32	211.50	42.92
33	-.49	211.50	42.92
34	-.49	211.50	42.92
35	0.00	211.50	42.92
36	0.00	211.50	42.92
37	0.00	211.50	42.92
38	0.00	211.50	42.92
39	0.00	211.50	42.92
40	0.00	211.50	42.92
41	0.00	211.50	42.92
42	0.00	211.50	42.92
43	0.00	211.50	42.92
44	.17	211.67	42.92
45	.42	212.08	42.92
46	0.00	212.08	42.92
47	0.00	212.08	42.92
48	0.00	212.08	42.92
49	0.00	212.08	42.92
50	0.00	212.08	42.92
51	0.00	212.08	42.92
52	0.00	212.08	42.92
53	0.00	212.08	42.92
54	0.00	212.08	42.92
55	0.00	212.08	42.92
56	0.00	212.08	42.92

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
29A	3.0	44.72	63.08	Nov 24, 1981 17:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
57	0.00	212.08	42.92
58	0.00	212.08	42.92
59	.33	212.42	42.92
Total Deg. Days (C) for Feb/82 =		.92	
60	.50	212.92	42.92
61	.50	213.42	42.92
62	.33	213.75	42.92
63	.17	213.92	42.92
64	0.00	213.92	42.92
65	0.00	213.92	42.92
66	0.00	213.92	42.92
67	-.41	213.92	42.92
68	0.00	213.92	42.92
69	0.00	213.92	42.92
70	0.00	213.92	42.92
71	0.00	213.92	42.92
72	0.00	213.92	42.92
73	0.00	213.92	42.92
74	0.00	213.92	42.92
75	.33	214.25	42.92
76	.92	215.17	42.92
77	1.00	216.17	42.92
78	1.00	217.17	42.92
79	1.00	218.17	42.92
80	1.00	219.17	42.92
81	1.50	220.67	42.92
82	1.50	222.17	42.92
83	1.50	223.67	42.92
84	1.42	225.08	42.92
85	1.50	226.58	42.92
86	1.50	228.08	42.92
87	1.50	229.58	42.92
88	1.50	231.08	42.92
89	1.50	232.58	42.92
90	1.92	234.50	42.92
Total Deg. Days (C) for Mar/82 =		22.08	
91	2.00	236.50	42.92
92	2.00	238.50	42.92
93	2.42	240.92	42.92
94	2.58	243.50	42.92
95	3.58	247.08	42.92
96	3.50	250.58	42.92
97	2.83	253.42	42.92
98	1.58	255.00	42.92
99	1.92	256.92	42.92
100	2.00	258.92	42.92

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
29A	3.0	44.72	63.08	Nov 24, 1981 17:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
101	2.00	260.92	42.92
102	2.50	263.42	42.92
103	2.58	266.00	42.92
104	3.58	269.58	42.92
105	4.08	273.67	43.00
106	4.92	278.58	43.92
107	5.08	283.67	45.00
108	5.58	289.25	46.58
109	6.83	296.08	49.42
110	7.50	303.58	52.92
111	7.67	311.25	56.58
112	7.58	318.83	60.17
113	7.58	326.42	63.75
114	7.58	334.00	67.33
115	7.50	341.50	70.83
116	7.50	349.00	74.33
117	7.58	356.58	77.92
118	8.17	364.75	82.08
119	7.58	372.33	85.67
120	7.50	379.83	89.17
Total Deg. Days (0) for Apr/82 =		145.33	
121	7.50	387.33	92.67
122	7.50	394.83	96.17
123	7.50	402.33	99.67
124	7.50	409.83	103.17
125	7.50	417.33	106.67
126	7.50	424.83	110.17
127	7.50	432.33	113.67
128	7.58	439.92	117.25
129	8.08	448.00	121.33
130	8.42	456.42	125.75
131	8.58	465.00	130.33
132	9.00	474.00	135.33
133	8.92	482.92	140.25
134	8.83	491.75	145.08
135	8.67	500.42	149.75
136	8.50	508.92	154.25
137	8.50	517.42	158.75
138	8.92	526.33	163.67
139	9.00	535.33	170.00
Estimated Deg. Days (0) for May/82 =		253.71	

PLEASANT POINT POND NS

Station	Depth	Latitude	Longitude	Start
298	3.0	44.72	63.08	June 1, 1982 17:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
152	13.00	13.00	9.00
153	12.75	25.75	17.75
154	12.58	38.33	26.33
155	13.00	51.33	35.33
156	13.00	64.33	44.33
157	13.17	77.50	53.50
158	13.25	90.75	62.75
159	13.00	103.75	71.75
160	12.42	116.17	80.17
161	12.50	128.67	88.67
162	12.83	141.50	97.50
163	13.17	154.67	106.67
164	13.00	167.67	115.67
165	13.33	181.00	125.00
166	12.75	193.75	133.75
167	12.50	206.25	142.25
168	12.50	218.75	150.75
169	12.50	231.25	159.25
170	12.50	243.75	167.75
171	13.00	256.75	176.75
172	13.00	269.75	185.75
173	13.00	282.75	194.75
174	13.17	295.92	203.92
175	13.42	309.33	213.33
176	13.50	322.83	222.83
177	14.00	336.83	232.83
178	14.00	350.83	242.83
179	14.00	364.83	252.83
180	14.00	378.83	262.83
181	14.08	392.92	272.92

Total Deg. Days (0) for June/82 = 392.92

182	14.33	407.25	283.25
183	14.50	421.75	293.75
184	14.50	436.25	304.25
185	15.00	451.25	315.25
186	15.00	466.25	326.25
187	15.50	481.75	337.75
188	15.67	497.42	349.42
189	16.00	513.42	361.42
190	16.00	529.42	373.42
191	16.00	545.42	385.42
192	16.00	561.42	397.42
193	16.42	577.83	409.83
194	16.33	594.17	422.17
195	16.17	610.33	434.33
196	17.00	627.33	447.33
197	17.17	644.50	460.50
198	17.58	662.08	474.08

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
298	3.0	44.72	63.08	June 1, 1982 17:30 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
199	18.00	680.08	488.08
200	18.00	698.08	502.08
201	18.00	716.08	516.08
202	18.00	734.08	530.08
203	18.00	752.08	544.08
204	17.83	769.92	557.92
205	17.50	787.42	571.42
206	17.50	804.92	584.92
207	17.58	822.50	598.50
208	17.58	840.08	612.08
209	17.67	857.75	625.75
210	17.83	875.58	639.58
211	18.00	893.58	653.58
212	18.00	911.58	667.58

Total Deg. Days (0) for July/82 = 516.67

213	18.00	929.58	681.58
214	18.00	947.58	695.58
215	18.25	965.83	709.83
216	18.50	984.33	724.33
217	18.42	1002.75	738.75
218	18.42	1021.17	753.17
219	18.50	1039.67	767.67
220	18.50	1058.17	782.17
221	18.50	1076.67	796.67
222	18.50	1095.17	811.17
223	18.50	1113.67	825.67
224	18.50	1132.17	840.17
225	18.50	1150.67	854.67
226	18.50	1169.17	869.17
227	18.50	1187.67	883.67
228	18.50	1206.17	898.17
229	18.50	1224.67	912.67
230	18.50	1243.17	927.17
231	18.50	1261.67	941.67
232	18.50	1280.17	956.17
233	18.50	1298.67	970.67
234	18.50	1317.17	985.17
235	18.50	1335.67	999.67
236	18.50	1354.17	1014.17
237	18.50	1372.67	1028.67
238	18.50	1391.17	1043.17
239	17.83	1409.00	1057.00
240	17.17	1426.17	1070.17
241	17.17	1443.33	1083.33
242	17.50	1460.83	1096.83
243	17.50	1478.33	1110.33

Total Deg. Days (0) for Aug/82 = 566.75

PLEASANT POINT POND NS ...i continued

Station	Depth	Latitude	Longitude	Start
298	3.0	44.72	63.08	June 1, 1982 17:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
244	17.50	1495.83	1123.83
245	17.50	1513.33	1137.33
246	17.17	1530.50	1150.50
247	16.92	1547.42	1163.42
248	16.00	1563.42	1175.42
249	15.50	1578.92	1186.92
250	16.00	1594.92	1198.92
251	16.00	1610.92	1210.92
252	16.00	1626.92	1222.92
253	16.00	1642.92	1234.92
254	16.00	1658.92	1246.92
255	16.00	1674.92	1258.92
256	16.00	1690.92	1270.92
257	16.00	1706.92	1282.92
258	16.00	1722.92	1294.92
259	16.00	1738.92	1306.92
260	16.00	1754.92	1318.92
261	16.00	1770.92	1330.92
262	16.00	1786.92	1342.92
263	16.00	1802.92	1354.92
264	16.00	1818.92	1366.92
265	16.00	1834.92	1378.92
266	16.00	1850.92	1390.92
267	16.00	1866.92	1402.92
268	16.00	1882.92	1414.92
269	16.00	1898.92	1426.92
270	16.00	1914.92	1438.92
271	16.00	1930.92	1450.92
272	16.00	1946.92	1462.92
273	16.00	1962.92	1474.92

Total Deg. Days (C) for Sept/82 = 484.58

274	16.00	1978.92	1486.92
275	16.00	1994.92	1498.92
276	16.00	2010.92	1510.92
277	15.92	2026.83	1522.83
278	13.92	2040.75	1532.75
279	13.33	2054.08	1542.08
280	13.00	2067.08	1551.08
281	13.00	2080.08	1560.08
282	13.00	2093.08	1569.08
283	13.00	2106.08	1578.08
284	12.42	2118.50	1586.50
285	11.75	2130.25	1594.25
286	10.92	2141.17	1601.17
287	10.75	2151.92	1607.92
288	10.75	2162.67	1614.67
289	10.50	2173.17	1621.17
290	10.50	2183.67	1627.67

PLEASANT POINT POND NS ... continued

Station	Depth	Latitude	Longitude	Start
298	3.0	44.72	63.08	June 1, 1982 17:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
291	11.00	2194.67	1634.67
292	11.00	2205.67	1641.67
293	11.00	2216.67	1648.67
294	11.00	2227.67	1655.67
295	11.00	2238.67	1662.67
296	11.00	2249.67	1669.67
297	11.33	2261.00	1677.00
298	11.50	2272.50	1684.50
299	11.33	2283.83	1691.83
300	10.67	2294.50	1698.50
301	10.00	2304.50	1704.50

Estimated Deg. Days (C) for Oct/82 = 376.18

NAVY POOL JEDDORE NS

Station	Depth	Latitude	Longitude	Start
30A	4.0	44.71	63.01	July 21, 1982 11:31 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
202	16.17	16.17	13.50
203	15.75	31.92	25.25
204	15.83	47.75	37.08
205	15.92	63.67	49.00
206	16.33	80.00	61.33
207	17.17	97.17	74.50
208	16.75	113.92	87.25
209	17.00	130.92	100.25
210	17.00	147.92	113.25
211	17.17	165.08	126.42
212	17.83	182.92	140.25
Estimated Deg. Days (C) for July/82 =		472.53	
213	18.17	201.08	154.42
214	18.17	219.25	168.58
215	16.67	235.92	181.25
216	16.67	252.58	193.92
217	15.50	268.08	205.42
218	15.00	283.08	216.42
219	15.25	298.33	227.67
220	15.92	314.25	239.58
221	16.00	330.25	251.58
222	16.17	346.42	263.75
223	16.50	362.92	276.25
224	16.75	379.67	289.00
225	16.92	396.58	301.92
226	17.42	414.00	315.33
227	17.42	431.42	328.75
228	17.92	449.33	342.67
229	18.58	467.92	357.25
230	18.67	486.58	371.92
231	18.00	504.58	385.92
232	17.75	522.33	399.67
233	16.67	539.00	412.33
234	15.83	554.83	424.17
235	14.67	569.50	434.83
236	14.25	583.75	445.08
237	14.00	597.75	455.08
238	14.17	611.92	465.25
239	14.08	626.00	475.33
240	14.42	640.42	485.75
241	14.08	654.50	495.83
242	14.42	668.92	506.25
243	14.58	683.50	516.83
Total Deg. Days (C) for Aug/82 =		500.58	
244	14.58	698.08	527.42
245	14.17	712.25	537.58

NAVY POOL JEDDORE NS ... continued

Station	Depth	Latitude	Longitude	Start
30A	4.0	44.71	63.01	July 21, 1982 11:31 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
246	14.00	726.25	547.58
247	14.33	740.58	557.92
248	14.42	755.00	568.33
249	14.00	769.00	578.33
250	13.50	782.50	587.83
251	12.58	795.08	596.42
252	12.33	807.42	604.75
253	12.67	820.08	613.42
254	13.08	833.17	622.50
255	13.25	846.42	631.75
256	14.17	860.58	641.92
257	14.67	875.25	652.58
258	15.00	890.25	663.58
259	14.17	904.42	673.75
260	14.00	918.42	683.75
261	14.25	932.67	694.00
262	14.75	947.42	704.75
263	15.00	962.42	715.75
264	15.00	977.42	726.75
265	15.00	992.42	737.75
266	15.00	1007.42	748.75
267	15.25	1022.67	760.00
268	15.33	1038.00	771.33
269	15.75	1053.75	783.08
270	16.00	1069.75	795.08
271	16.25	1086.00	807.33
272	16.08	1102.08	819.42
273	16.17	1118.25	831.58

Total Deg. Days (D) for Sept/82 = 434.75

274	16.50	1134.75	844.08
275	16.33	1151.08	856.42
276	15.42	1166.50	867.83
277	14.83	1181.33	880.00

BEAVER HARBOUR NS

Station	Depth	Latitude	Longitude	Start
32A	6.0	44.87	62.40	Jan 1, 1982 18:45 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
1	2.00	2.00	0.00
2	2.00	4.00	0.00
3	2.50	6.50	0.00
4	2.50	9.00	0.00
5	2.25	11.25	0.00
6	2.25	13.50	0.00
7	2.50	16.00	0.00
8	2.50	18.50	0.00
9	2.17	20.67	0.00
10	2.00	22.67	0.00
11	1.92	24.58	0.00
12	1.42	26.00	0.00
13	1.42	27.42	0.00
14	.75	28.17	0.00
15	.50	28.67	0.00
16	.50	29.17	0.00
17	.50	29.67	0.00
18	-.24	29.67	0.00
19	-.57	29.67	0.00
20	1.00	30.67	0.00
21	1.33	32.00	0.00
22	.75	32.75	0.00
23	.08	32.83	0.00
24	-.32	32.83	0.00
25	-.49	32.83	0.00
26	-.74	32.83	0.00
27	-1.16	32.83	0.00
28	-1.49	32.83	0.00
29	-1.49	32.83	0.00
30	-1.49	32.83	0.00
31	-1.49	32.83	0.00

Total Deg. Days (0) for Jan/82 = 32.83

32	-1.49	32.83	0.00
33	-1.49	32.83	0.00
34	-1.49	32.83	0.00
35	-1.41	32.83	0.00
36	-.99	32.83	0.00
37	-.99	32.83	0.00
38	-.99	32.83	0.00
39	-.99	32.83	0.00
40	-.99	32.83	0.00
41	-.99	32.83	0.00
42	-1.82	32.83	0.00
43	-1.49	32.83	0.00
44	-1.49	32.83	0.00
45	-1.49	32.83	0.00
46	-1.91	32.83	0.00
47	-1.99	32.83	0.00

BEAVER HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
32A	6.0	44.87	62.40	Jan 1, 1982 18:45 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
48	-1.99	32.83	0.00
49	-1.99	32.83	0.00
50	-1.49	32.83	0.00
51	-1.49	32.83	0.00
52	-1.49	32.83	0.00
53	-1.49	32.83	0.00
54	-1.49	32.83	0.00
55	-1.49	32.83	0.00
56	-1.82	32.83	0.00
57	-1.99	32.83	0.00
58	-1.49	32.83	0.00
59	0.00	32.83	0.00

Total Deg. Days (C) for Feb/82 = 0.00

60	-.24	32.83	0.00
61	-.82	32.83	0.00
62	-1.24	32.83	0.00
63	-1.49	32.83	0.00
64	-1.49	32.83	0.00
65	-1.49	32.83	0.00
66	-1.49	32.83	0.00
67	-1.49	32.83	0.00
68	-1.49	32.83	0.00
69	-.99	32.83	0.00
70	-.99	32.83	0.00
71	-.99	32.83	0.00
72	-.99	32.83	0.00
73	-.99	32.83	0.00
74	-.99	32.83	0.00
75	-1.41	32.83	0.00
76	-1.41	32.83	0.00
77	-.91	32.83	0.00
78	-.49	32.83	0.00
79	-.49	32.83	0.00
80	-.49	32.83	0.00
81	-.49	32.83	0.00
82	-.49	32.83	0.00
83	-.49	32.83	0.00
84	-.49	32.83	0.00
85	-.49	32.83	0.00
86	-.41	32.83	0.00
87	-.91	32.83	0.00
88	-1.82	32.83	0.00
89	-.99	32.83	0.00
90	-.57	32.83	0.00

Total Deg. Days (C) for Mar/82 = 0.00

91	-.49	32.83	0.00

BEAVER HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
32A	6.0	44.87	62.40	Jan 1, 1982 18:45 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
92	-.49	32.83	0.00
93	-.49	32.83	0.00
94	-.41	32.83	0.00
95	0.00	32.83	0.00
96	0.00	32.83	0.00
97	0.00	32.83	0.00
98	0.00	32.83	0.00
99	-.24	32.83	0.00
100	-.49	32.83	0.00
101	-.49	32.83	0.00
102	-.49	32.83	0.00
103	-.49	32.83	0.00
104	-.24	32.83	0.00
105	.17	33.17	0.00
106	-.24	33.17	0.00
107	0.00	33.17	0.00
108	-.32	33.17	0.00
109	-.41	33.17	0.00
110	0.00	33.17	0.00
111	.67	33.83	0.00
112	.92	34.75	0.00
113	-.24	34.75	0.00
114	.25	35.00	0.00
115	.17	35.17	0.00
116	1.08	36.25	0.00
117	1.58	37.83	0.00
118	2.00	39.83	0.00
119	1.58	41.42	0.00
120	1.17	42.58	0.00
Total Deg. Days (C) for Apr/82 =		9.75	
121	2.00	44.58	0.00
122	2.00	46.58	0.00
123	2.58	49.17	0.00
124	3.00	52.17	0.00
125	2.42	54.58	0.00
126	2.75	57.33	0.00
127	3.50	60.83	0.00
128	4.67	65.50	0.00
129	5.92	71.42	.92
130	3.83	75.25	1.33
131	3.00	78.25	1.33
132	3.50	81.75	1.33
133	4.00	85.75	1.33
134	3.75	89.50	1.33
135	4.00	93.50	1.33
136	4.00	97.50	1.33
137	4.00	101.50	1.33
138	4.00	105.50	1.33

BEAVER HARBOUR NS ... continued

Station	Depth	Latitude	Longitude	Start
32A	6.0	44.87	62.40	Jan 1, 1982 18:45 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
139	3.58	109.08	1.33
140	4.00	113.08	1.33
141	3.83	116.92	1.33
142	3.58	120.50	1.33
143	4.58	125.08	1.92
144	5.00	130.08	2.92
145	5.25	135.33	4.17
146	5.58	140.92	5.75
147	6.25	147.17	8.00
148	6.33	153.50	10.33
149	6.50	160.00	13.83

Estimated Deg. Days (C) for May/82 = 145.51

SPANISH SHIP BAY NS

Station	Deptn	Latitude	Longitude	Start
33A	4.0	45.02	62.02	Nov 26, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
330	7.75	7.75	5.08
331	6.83	14.58	7.92
332	6.50	21.08	10.42
333	6.50	27.58	12.92
334	6.17	33.75	15.08
335	5.08	38.83	16.17
336	5.42	44.25	17.58
337	5.58	49.83	19.17
338	6.00	55.83	21.17
339	6.00	61.83	23.17
340	6.42	68.25	25.58
341	6.92	75.17	28.50
342	6.50	81.67	31.00
343	6.50	88.17	33.50
344	6.50	94.67	36.00
345	6.50	101.17	38.50
346	6.50	107.67	41.00
347	6.17	113.83	43.17
348	6.00	119.83	45.17
349	6.00	125.83	47.17
350	6.00	131.83	49.17
351	6.00	137.83	51.17
352	6.00	143.83	53.17
353	5.83	149.67	55.00
354	5.50	155.17	56.50
355	5.50	160.67	58.00
356	5.42	166.08	59.42
357	5.42	171.50	60.83
358	5.25	176.75	62.08
359	5.00	181.75	63.08
360	5.00	186.75	64.08
361	5.00	191.75	65.08
362	4.67	196.42	65.75
363	4.17	200.58	65.92
364	4.00	204.58	65.92
365	2.67	207.25	65.92

Total Deg. Days (D) for Dec/81 = 173.50

1	2.75	210.00	65.92
2	3.00	213.00	65.92
3	3.00	216.00	65.92
4	3.00	219.00	65.92
5	3.00	222.00	65.92
6	3.00	225.00	65.92
7	3.00	228.00	65.92
8	3.00	231.00	65.92
9	3.00	234.00	65.92
10	3.00	237.00	65.92
11	3.00	240.00	65.92

SPANISH SHIP BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
33A	4.0	45.02	62.02	Nov 26, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
12	2.67	242.67	65.92
13	2.50	245.17	65.92
14	2.50	247.67	65.92
15	2.08	249.75	65.92
16	2.00	251.75	65.92
17	1.67	253.42	65.92
18	1.50	254.92	65.92
19	.08	255.17	65.92
20	.25	255.50	65.92
21	.83	256.33	65.92
22	1.00	257.33	65.92
23	1.00	258.33	65.92
24	1.00	259.33	65.92
25	.67	260.00	65.92
26	.50	260.50	65.92
27	.50	261.00	65.92
28	.50	261.50	65.92
29	.33	261.83	65.92
30	0.00	261.83	65.92
31	0.00	261.83	65.92
Total Deg. Days (3) for Jan/82 =		54.38	
32	0.00	261.83	65.92
33	0.00	261.83	65.92
34	0.00	261.83	65.92
35	0.00	261.83	65.92
36	0.00	261.83	65.92
37	0.00	261.83	65.92
38	0.00	261.83	65.92
39	0.00	261.83	65.92
40	0.00	261.83	65.92
41	0.00	261.83	65.92
42	0.00	261.83	65.92
43	0.00	261.83	65.92
44	0.00	261.83	65.92
45	0.00	261.83	65.92
46	0.00	261.83	65.92
47	0.00	261.83	65.92
48	0.00	261.83	65.92
49	-.32	261.83	65.92
50	-.49	261.83	65.92
51	-.49	261.83	65.92
52	-.49	261.83	65.92
53	-.49	261.83	65.92
54	-.49	261.83	65.92
55	-.49	261.83	65.92
56	-.49	261.83	65.92
57	-.66	261.83	65.92
58	-.99	261.83	65.92

SPANISH SHIP BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
33A	4.0	45.02	62.02	Nov 26, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (4)
59	-.99	261.83	65.92
Total Deg. Days (J) for Feb/82 =		0.00	
60	-.57	261.83	65.92
61	-.49	261.83	65.92
62	-.49	261.83	65.92
63	-.49	261.83	65.92
64	-.49	261.83	65.92
65	-.49	261.83	65.92
66	-.49	261.83	65.92
67	-.49	261.83	65.92
68	-.49	261.83	65.92
69	-.49	261.83	65.92
70	-.49	261.83	65.92
71	-.49	261.83	65.92
72	-.49	261.83	65.92
73	-.49	261.83	65.92
74	-.49	261.83	65.92
75	-.49	261.83	65.92
76	-.49	261.83	65.92
77	-.49	261.83	65.92
78	-.49	261.83	65.92
79	-.49	261.83	65.92
80	-.41	261.83	65.92
81	0.00	261.83	65.92
82	0.00	261.83	65.92
83	0.00	261.83	65.92
84	0.00	261.83	65.92
85	0.00	261.83	65.92
86	0.00	261.83	65.92
87	.33	262.17	65.92
88	0.00	262.17	65.92
89	0.00	262.17	65.92
90	0.00	262.17	65.92
Total Deg. Days (J) for Mar/82 =		.33	
91	.25	262.42	65.92
92	.25	262.67	65.92
93	0.00	262.67	65.92
94	0.00	262.67	65.92
95	0.00	262.67	65.92
96	.08	262.75	65.92
97	.50	263.25	65.92
98	.50	263.75	65.92
99	.50	264.25	65.92
100	.50	264.75	65.92
101	.58	265.33	65.92
102	.83	266.17	65.92

SPANISH SHIP BAY NS ... continued

Station	Depth	Latitude	Longitude	Start
33A	4.0	45.02	62.02	Nov 26, 1981 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
103	.125	266.42	65.92
104	1.25	267.67	65.92
105	1.08	268.75	65.92
106	1.42	270.17	65.92
107	1.50	271.67	65.92
108	1.67	273.33	65.92
109	1.58	274.92	65.92
110	1.42	276.33	65.92
111	1.75	278.08	65.92
112	1.67	279.75	65.92
113	1.67	281.42	65.92
114	1.75	283.17	65.92
115	1.83	285.00	65.92
116	2.17	287.17	65.92
117	2.25	289.42	65.92
118	2.25	291.67	65.92
119	2.00	293.67	65.92
120	2.00	295.67	65.92

Total Deg. Days (C) for Apr/82 = 33.50

121	2.00	297.67	65.92
122	2.00	299.67	65.92
123	3.50	303.17	65.92
124	3.92	307.08	65.92
125	2.92	310.00	65.92
126	2.75	312.75	65.92
127	3.83	316.58	65.92
128	4.58	321.17	66.50
129	6.08	327.25	68.58
130	4.75	332.00	69.33
131	4.00	336.00	69.33
132	4.00	340.00	69.33
133	4.50	344.50	69.83
134	5.00	349.50	70.83
135	5.00	354.50	71.83
136	5.42	359.92	73.25
137	6.33	366.25	75.58
138	5.58	371.83	77.17
139	5.75	377.58	78.92
140	6.92	384.50	81.83
141	6.08	390.58	83.92
142	5.83	396.42	85.75
143	6.42	402.83	88.17
144	7.33	410.17	91.50
145	6.75	416.92	94.25
146	7.00	423.92	97.25
147	6.75	430.67	100.00
148	7.75	438.42	103.75
149	8.20	446.62	108.48

Estimated Deg. Days (C) for May/82 = 161.36

SPANISH SHIP BAY NS

Station	Depth	Latitude	Longitude		Start
338	3.0	45.02	62.02	June	2, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
153	8.00	8.00	5.33
154	8.33	16.33	9.67
155	8.67	25.00	14.33
156	8.92	33.92	19.25
157	8.67	42.58	23.92
158	9.00	51.58	28.92
159	9.00	60.58	33.92
160	9.17	69.75	39.08
161	10.00	79.75	45.08
162	10.08	89.83	51.17
163	10.17	100.00	57.33
164	10.00	110.00	63.33
165	9.92	119.92	69.25
166	9.50	129.42	74.75
167	9.08	138.50	79.83
168	8.83	147.33	84.67
169	8.00	155.33	88.67
170	8.33	163.67	93.00
171	8.08	171.75	97.08
172	8.67	180.42	101.75
173	9.00	189.42	106.75
174	8.42	197.83	111.17
175	9.08	206.92	116.25
176	9.00	215.92	121.25
177	9.00	224.92	126.25
178	8.75	233.67	131.00
179	9.00	242.67	136.00
180	9.83	252.50	141.83
181	10.42	262.92	148.25

Total Deg. Days (0) for June/82 = 262.92

182	9.67	272.58	153.92
183	9.58	282.17	159.50
184	9.67	291.83	165.17
185	7.42	299.25	168.58
186	7.67	306.92	172.25
187	8.42	315.33	176.67
188	9.58	324.92	182.25
189	8.92	333.83	187.17
190	8.00	341.83	191.17
191	6.75	348.58	193.92
192	6.50	355.08	196.42
193	8.08	363.17	200.50
194	9.33	372.50	205.83
195	10.00	382.50	211.83
196	10.00	392.50	217.83
197	10.58	403.08	224.42
198	10.58	413.67	231.00
199	12.75	426.42	239.75

SPANISH SHIP BAY NS ... continued

Station	Deptn	Latitude	Longitude		Start	
338	3.0	45.02	62.02	June	2, 1982	15:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
200	13.17	439.58	248.92
201	10.83	450.42	255.75
202	10.00	460.42	261.75
203	9.92	470.33	267.67
204	10.83	481.17	274.50
205	10.83	492.00	281.33
206	11.08	503.08	288.42
207	11.75	514.83	296.17
208	10.08	524.92	302.25
209	10.17	535.08	308.42
210	12.67	547.75	317.08
211	13.50	561.25	326.58
212	11.00	572.25	333.58

Total Deg. Days (3) for July/82 = 309.33

213	10.92	583.17	340.50
214	10.17	593.33	346.67
215	9.17	602.50	351.83
216	10.42	612.92	358.25
217	11.08	624.00	365.33
218	11.83	635.83	373.17
219	12.67	648.50	381.83
220	13.83	662.33	391.67
221	14.25	676.58	401.92
222	15.58	692.17	413.50
223	15.83	708.00	425.33
224	14.92	722.92	436.25
225	14.25	737.17	446.50
226	14.42	751.58	456.92
227	14.17	765.75	467.08
228	13.25	779.00	476.33
229	12.42	791.42	484.75
230	12.42	803.83	493.17
231	10.83	814.67	500.00
232	11.25	825.92	507.25
233	10.25	836.17	513.50
234	9.17	845.33	518.67
235	9.58	854.92	524.25
236	10.75	865.67	531.00
237	11.67	877.33	538.67
238	11.83	889.17	546.50
239	11.75	900.92	554.25
240	12.08	913.00	562.33
241	11.08	924.08	569.42
242	11.42	935.50	576.83
243	12.17	947.67	585.00

Total Deg. Days (0) for Aug/82 = 375.42

SPANISH SHIP BAY NS ... continued

Station	Depth	Latitude	Longitude		Start
338	3.0	45.02	62.02	June 2, 1982	15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
244	11.50	959.17	592.50
245	11.25	970.42	599.75
246	12.17	982.58	607.92
247	11.92	994.50	615.83
248	10.75	1005.25	622.58
249	10.58	1015.83	629.17
250	10.33	1026.17	635.50
251	10.00	1036.17	641.50
252	10.92	1047.08	648.42
253	11.08	1058.17	655.50
254	11.00	1069.17	662.50
255	11.08	1080.25	669.58
256	11.33	1091.58	676.92
257	11.83	1103.42	684.75
258	11.83	1115.25	692.58
259	11.50	1126.75	700.08
260	12.00	1138.75	708.08
261	12.17	1150.92	716.25
262	13.00	1163.92	725.25
263	13.17	1177.08	734.42
264	13.58	1190.67	744.00
265	13.50	1204.17	753.50
266	13.50	1217.67	763.00
267	14.00	1231.67	773.00
268	14.00	1245.67	783.00
269	14.00	1259.67	793.00
270	14.42	1274.08	803.42
271	15.00	1289.08	814.42
272	14.58	1303.67	825.00
273	15.00	1318.67	836.00

Total Deg. Days (0) for Sept/82 = 371.00

274	15.00	1333.67	847.00
275	15.00	1348.67	858.00
276	14.08	1362.75	868.08
277	13.50	1376.25	878.58

DORTS COVE NS

Station	Depth	Latitude	Longitude	Start
35	19.0	45.36	61.28	Apr 19, 1982 12:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
109	.175	.75	0.00
110	.08	.83	0.00
111	0.100	.83	0.00
112	.167	1.50	0.00
113	.25	1.75	0.00
114	0.100	1.75	0.00
115	.50	2.25	0.00
116	0.100	2.25	0.00
117	0.00	2.25	0.00
118	0.00	2.25	0.00
119	0.100	2.25	0.00
120	.133	2.58	0.00

Estimated Deg. Days (D) for Apr/82 = 5.96

121	.33	2.92	0.00
122	.83	3.75	0.00
123	1.08	4.83	0.00
124	1.83	6.67	0.00
125	2.00	8.67	0.00
126	2.00	10.67	0.00
127	2.00	12.67	0.00
128	2.67	15.33	0.00
129	3.17	18.50	0.00
130	3.17	21.67	0.00
131	2.33	24.00	0.00
132	3.08	27.08	0.00
133	5.00	32.08	.42
134	5.00	37.08	1.42
135	5.00	42.08	2.42
136	5.00	47.08	3.42
137	4.83	51.92	4.25
138	4.83	56.75	5.08
139	4.67	61.42	5.75
140	3.67	65.08	5.83
141	3.58	68.67	5.83
142	3.67	72.33	5.83
143	3.58	75.92	5.83
144	3.67	79.58	5.83
145	4.00	83.58	5.83
146	4.00	87.58	5.83
147	4.00	91.58	5.83
148	4.00	95.58	6.08
149	3.75	99.33	6.08
150	3.25	102.58	6.08
151	4.58	107.17	6.75

Total Deg. Days (D) for May/82 = 104.58

152	5.83	113.00	8.58

DORTS COVE NS ... continued

Station	Deptn	Latitude	Longitude	Start
35	19.0	45.36	61.28	Apr 19, 1982 12:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
153	6.00	119.00	10.58
154	6.58	125.58	13.17
155	6.42	132.00	15.58
156	5.50	137.50	17.08
157	4.75	142.25	17.83
158	6.67	148.92	20.50
159	7.67	156.58	24.17
160	8.00	164.58	28.17
161	8.00	172.58	32.17
162	8.75	181.33	36.92
163	8.58	189.92	41.50
164	8.50	198.42	46.00
165	8.00	206.42	50.00
166	8.17	214.58	54.17
167	8.67	223.25	58.83
168	5.58	228.83	60.42
169	5.50	234.33	61.92
170	5.92	240.25	63.83
171	5.92	246.17	65.75
172	8.83	255.00	70.58
173	7.33	262.33	73.92
174	6.25	268.58	76.17
175	8.25	276.83	80.42
176	6.17	283.00	82.58
177	5.08	288.08	83.67
178	6.67	294.75	86.33
179	6.42	301.17	88.75
180	6.50	307.67	91.25
181	5.58	313.25	92.83
Total Deg. Days (C) for June/82 =		206.08	
182	4.67	317.92	93.50
183	4.50	322.42	94.00
184	3.83	326.25	94.08
185	3.50	329.75	94.08
186	4.17	333.92	94.58
187	5.92	339.83	96.50
188	4.75	344.58	97.25
189	4.00	348.58	97.25
190	3.75	352.33	97.33
191	3.67	356.00	97.33
192	3.50	359.50	97.33
193	6.25	365.75	99.67
194	6.67	372.42	102.33
195	5.58	378.00	103.92
196	5.42	383.42	105.33
197	7.92	391.33	109.25
198	7.08	398.42	112.33
199	7.33	405.75	115.67

DORTS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
35	19.0	45.36	61.28	Apr 19, 1982 12:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
200	5.92	411.67	117.58
201	5.25	416.92	118.83
202	5.50	422.42	120.33
203	5.25	427.67	121.58
204	7.33	435.00	124.92
205	7.75	442.75	128.67
206	8.67	451.42	133.33
207	8.00	459.42	137.33
208	7.17	466.58	140.50
209	8.50	475.08	145.00
210	10.83	485.92	151.83
211	12.67	498.58	160.50
212	11.17	509.75	167.67

Total Deg. Days (3) for July/82 = 190.50

213	9.17	518.92	172.83
214	11.42	530.33	180.25
215	11.83	542.17	188.08
216	12.83	555.00	196.92
217	14.00	569.00	206.92
218	14.00	583.00	216.92
219	14.33	597.33	227.25
220	14.83	612.17	238.08
221	15.00	627.17	249.08
222	14.25	641.42	259.33
223	12.92	654.33	268.25
224	12.58	666.92	276.83
225	12.17	679.08	285.00
226	14.83	693.92	295.83
227	14.67	708.58	306.50
228	12.50	721.08	315.00
229	12.58	733.67	323.58
230	11.58	745.25	331.17
231	10.42	755.67	337.58
232	9.75	765.42	343.33
233	7.08	772.50	346.42
234	6.92	779.42	349.33
235	9.42	788.83	354.75
236	10.58	799.42	361.33
237	10.25	809.67	367.58
238	12.00	821.67	375.58
239	11.67	833.33	383.25
240	9.42	842.75	388.67
241	9.00	851.75	393.67
242	9.92	861.67	399.58
243	10.92	872.58	406.50

Total Deg. Days (3) for Aug/82 = 362.83

DORTS COVE NS ... continued

Station	Deptn	Latitude	Longitude	Start
35	19.0	45.36	61.28	Apr 19, 1982 12:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
244	10.50	883.08	413.00
245	10.83	893.92	419.83
246	11.50	905.42	427.33
247	11.00	916.42	434.33
248	11.00	927.42	441.33
249	9.92	937.33	447.25
250	10.33	947.67	453.58
251	11.92	959.58	461.50
252	12.50	972.08	470.00
253	12.50	984.58	478.50
254	12.75	997.33	487.25
255	12.75	1010.08	496.00
256	12.75	1022.83	504.75
257	13.00	1035.83	513.75
258	13.00	1048.83	522.75
259	13.00	1061.83	531.75
260	13.92	1075.75	541.67
261	14.42	1090.17	552.08
262	14.50	1104.67	562.58
263	14.50	1119.17	573.08
264	14.50	1133.67	583.58
265	14.50	1148.17	594.08
266	14.50	1162.67	604.58
267	14.50	1177.17	615.08
268	14.50	1191.67	625.58
269	14.50	1206.17	636.08
270	14.75	1220.92	646.83
271	15.00	1235.92	657.83
272	15.00	1250.92	668.83
273	15.00	1265.92	679.83

Total Deg. Days (0) for Sept/82 = 393.33

274	15.00	1280.92	690.83
275	14.67	1295.58	701.50
276	14.67	1310.25	712.17
277	14.08	1324.33	722.25
278	14.00	1338.33	732.25
279	13.75	1352.08	742.00
280	13.50	1365.58	751.50
281	13.50	1379.08	761.00
282	13.50	1392.58	770.50
283	13.50	1406.08	780.00

Estimated Deg. Days (0) for Oct/82 = 434.52

ORPHEUS RIDGE CB NS

Station	Depth	Latitude	Longitude	Start
36	132.0	45.47	60.88	Oct 18, 1982 11:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
291	1.00	1.00	0.00
292	1.00	2.00	0.00
293	1.00	3.00	0.00
294	1.00	4.00	0.00
295	1.00	5.00	0.00
296	1.00	6.00	0.00
297	1.00	7.00	0.00
298	1.00	8.00	0.00
299	1.00	9.00	0.00
300	1.00	10.00	0.00
301	1.00	11.00	0.00
302	1.00	12.00	0.00
303	1.00	13.00	0.00
304	1.00	14.00	

Estimated Deg. Days (C) for Oct/82 = 20.93

305	1.00	15.00	0.00
306	1.00	16.00	0.00
307	1.00	17.00	0.00
308	1.00	18.00	0.00
309	1.00	19.00	0.00
310	1.00	20.00	0.00
311	1.00	21.00	0.00
312	1.00	22.00	0.00
313	1.00	23.00	0.00
314	1.00	24.00	0.00
315	1.00	25.00	0.00
316	1.00	26.00	0.00
317	1.00	27.00	0.00
318	1.50	28.50	0.00
319	1.50	30.00	0.00
320	1.00	31.00	0.00
321	1.00	32.00	0.00
322	1.00	33.00	0.00
323	1.00	34.00	0.00
324	1.00	35.00	0.00

Estimated Deg. Days (C) for Nov/82 = 31.50

ILE MADAM NS

Station	Depth	Latitude	Longitude		Start
37	13.0	45.60	60.95	June 4, 1982	09:40 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
155	7.00	7.00	4.33
156	6.00	13.00	6.33
157	5.83	18.83	8.17
158	6.92	25.75	11.08
159	7.33	33.08	14.42
160	7.83	40.92	18.25
161	7.58	48.50	21.83
162	8.00	56.50	25.83
163	7.67	64.17	29.50
164	7.75	71.92	33.25
165	7.42	79.33	36.67
166	7.08	86.42	39.75
167	7.92	94.33	43.67
168	6.33	100.67	46.00
169	5.75	106.42	47.75
170	5.75	112.17	49.50
171	6.75	118.92	52.25
172	8.92	127.83	57.17
173	7.50	135.33	60.67
174	7.00	142.33	63.67
175	8.08	150.42	67.75
176	6.75	157.17	70.50
177	5.00	162.17	71.50
178	6.58	168.75	74.08
179	6.08	174.83	76.17
180	5.50	180.33	77.67
181	7.25	187.58	80.92

Estimated Deg. Days (0) for June/82 = 200.98

182	7.33	194.92	84.25
183	5.17	200.08	85.42
184	4.58	204.67	86.00
185	4.58	209.25	86.58
186	4.17	213.42	86.75
187	4.00	217.42	86.75
188	4.92	222.33	87.67
189	5.00	227.33	88.67
190	5.00	232.33	89.67
191	5.00	237.33	90.67
192	5.00	242.33	91.67
193	5.08	247.42	92.75
194	6.92	254.33	95.67
195	8.00	262.33	99.67
196	8.08	270.42	103.75
197	8.00	278.42	107.75
198	8.25	286.67	112.00
199	7.75	294.42	115.75
200	8.58	303.00	120.33
201	7.50	310.50	123.83

ILE MADAM NS ...I continued

Station	Depth	Latitude	Longitude	Start
37	18.0	45.60	60.95	June 4, 1982 09:40 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
202	7.50	318.00	127.33
203	7.17	325.17	130.50
204	8.17	333.33	134.67
205	9.33	342.67	140.00
206	8.33	351.00	144.33
207	9.17	360.17	149.50
208	9.92	370.08	155.42
209	9.17	379.25	160.58
210	11.58	390.83	108.17
211	13.25	404.08	177.42
212	13.92	418.00	187.33
Total Deg. Days (0) for July/82 =		230.42	
213	13.67	431.67	197.00
214	13.00	444.67	206.00
215	12.08	456.75	214.08
216	13.17	469.92	223.25
217	14.42	484.33	233.67
218	14.83	499.17	244.50
219	15.00	514.17	255.50
220	15.00	529.17	266.50
221	15.25	544.42	277.75
222	15.50	559.92	289.25
223	15.58	575.50	300.83
224	16.00	591.50	312.83
225	15.75	607.25	324.58
226	16.00	623.25	336.58
227	15.83	639.08	348.42
228	14.25	653.33	358.67
229	12.67	666.00	367.33
230	12.00	678.00	375.33
231	10.08	688.08	381.42
232	10.58	698.67	388.00
233	10.58	709.25	394.58
234	8.33	717.58	398.92
235	9.67	727.25	404.58
236	11.42	738.67	412.00
237	12.58	751.25	420.58
238	13.08	764.33	429.67
239	14.00	778.33	439.67
240	14.00	792.33	449.67
241	13.08	805.42	458.75
242	13.00	818.42	467.75
243	12.92	831.33	476.67
Total Deg. Days (0) for Aug/82 =		413.33	
244	13.58	844.92	486.25
245	14.00	858.92	496.25

ILE MADAM NS ...I continued

Station	Deptn	Latitude	Longitude	Start
37	18.0	45.60	60.95	June 4, 1982 09:40 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
246	14.00	872.92	500.25
247	14.00	886.92	510.25
248	14.00	900.92	520.25
249	13.92	914.83	530.17
250	13.08	927.92	545.25
251	12.92	940.83	554.17
252	13.25	954.08	563.42
253	13.67	967.75	573.08
254	14.00	981.75	583.08
255	14.42	996.17	593.50
256	14.25	1010.42	603.75
257	14.92	1025.33	614.67
258	15.33	1040.67	626.00
259	15.50	1056.17	637.50
260	16.00	1072.17	649.50
261	16.00	1088.17	661.50
262	16.00	1104.17	673.50
263	16.00	1120.17	685.50
264	16.00	1136.17	697.50
265	16.00	1152.17	709.50
266	15.58	1167.75	721.08
267	15.50	1183.25	732.58
268	15.50	1198.75	744.08
269	15.50	1214.25	755.58
270	15.50	1229.75	767.08
271	15.50	1245.25	778.58
272	15.75	1261.00	790.33
273	15.50	1276.50	801.83

Total Deg. Days (D) for Sept/82 = 445.17

274	15.50	1292.00	813.33
275	15.50	1307.50	824.83
276	14.25	1321.75	835.08
277	13.50	1335.25	844.58
278	13.50	1348.75	854.08
279	13.00	1361.75	863.62

FOURCHU NS

Station	Depth	Latitude	Longitude	Start
388	22.0	45.69	60.20	May 13, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
133	7.50	7.50	4.83
134	6.00	13.50	6.83
135	4.00	17.50	6.83
136	4.00	21.50	6.83
137	3.50	25.00	6.83
138	3.50	28.50	6.83
139	3.17	31.67	6.83
140	3.00	34.67	6.83
141	3.00	37.67	6.83
142	3.00	40.67	6.83
143	3.00	43.67	6.83
144	3.00	46.67	6.83
145	3.00	49.67	6.83
146	3.00	52.67	6.83
147	3.00	55.67	6.83
148	3.00	58.67	6.83
149	3.42	62.08	6.83
150	3.33	65.42	6.83
151	3.17	68.58	6.83

Estimated Deg. Days (C) for May/82 = 106.30

152	3.50	72.08	6.83
153	3.67	75.75	6.83
154	4.00	79.75	6.83
155	3.58	83.33	6.83
156	3.08	86.42	6.83
157	3.50	89.92	6.83
158	3.17	93.08	6.83
159	3.75	96.83	6.92
160	4.50	101.33	7.42
161	4.17	105.50	7.58
162	4.00	109.50	7.58
163	4.75	114.25	8.33
164	5.42	119.67	9.75
165	5.50	125.17	11.25
166	4.17	129.33	11.42
167	4.00	133.33	11.42
168	4.00	137.33	11.42
169	3.33	140.67	11.42
170	3.00	143.67	11.42
171	3.00	146.67	11.42
172	3.75	150.42	11.83
173	4.83	155.25	12.67
174	4.00	159.25	12.67
175	4.00	163.25	12.67
176	4.00	167.25	12.67
177	4.00	171.25	12.67
178	4.00	175.25	12.67
179	4.00	179.25	12.67

FOURCHU NS ... continued

Station	Depth	Latitude	Longitude	Start
388	22.0	45.69	60.20	May 13, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
180	4.125	183.50	12.92
181	4.83	188.33	13.75
Total Deg. Days (C) for June/82 =		119.75	
182	5.50	193.83	15.25
183	4.92	198.75	16.17
184	4.50	203.25	16.67
185	4.33	207.58	17.00
186	4.67	212.25	17.67
187	5.33	217.58	19.00
188	5.00	222.58	20.00
189	4.92	227.50	20.92
190	4.00	231.50	20.92
191	4.00	235.50	20.92
192	3.83	239.33	20.92
193	4.50	243.83	21.42
194	5.58	249.42	23.00
195	6.08	255.50	25.08
196	7.00	262.50	28.08
197	7.50	270.00	31.58
198	7.83	277.83	35.42
199	8.17	286.00	39.58
200	8.83	294.83	44.42
201	7.00	301.83	47.42
202	6.25	308.08	49.67
203	6.83	314.92	52.50
204	8.42	323.33	56.92
205	9.00	332.33	61.92
206	9.75	342.08	67.67
207	10.58	352.67	74.25
208	10.92	363.58	81.17
209	11.00	374.58	88.17
210	13.33	387.92	97.50
211	14.50	402.42	108.00
212	8.25	410.67	112.25
Total Deg. Days (C) for July/82 =		222.33	
213	9.92	420.58	118.17
214	12.50	433.08	126.67
215	12.00	445.08	134.67
216	12.50	457.58	143.17
217	13.58	471.17	152.75
218	13.75	484.92	162.50
219	14.33	499.25	172.83
220	14.50	513.75	183.33
221	14.17	527.92	193.50
222	13.67	541.58	203.17
223	12.75	554.33	211.92

FOURCHU NS ... continued

Station	Depth	Latitude	Longitude	Start
388	22.0	45.69	60.20	May 13, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
224	9.42	563.75	217.33
225	9.17	572.92	222.50
226	10.17	583.08	228.67
227	11.00	594.08	235.67
228	11.00	605.08	242.67
229	11.00	616.08	249.67
230	10.50	626.58	256.17
231	9.75	636.33	261.92
232	10.00	646.33	267.92
233	10.75	657.08	274.67
234	9.58	666.67	280.25
235	10.92	677.58	287.17
236	12.83	690.42	296.00
237	14.08	704.50	306.08
238	13.58	718.08	315.67
239	12.50	730.58	324.17
240	11.67	742.25	331.83
241	12.25	754.50	340.08
242	12.83	767.33	348.92
243	13.75	781.08	358.67

Total Deg. Days (C) for Aug/82 = 370.42

244	13.75	794.83	368.42
245	11.92	806.75	376.33
246	14.00	820.75	386.33
247	14.00	834.75	396.33
248	11.50	846.25	403.83
249	10.67	856.92	410.50
250	12.08	869.00	418.58
251	12.67	881.67	427.25
252	14.25	895.92	437.50
253	15.00	910.92	448.50
254	13.50	924.42	458.00
255	12.75	937.17	466.75
256	14.50	951.67	477.25
257	14.50	966.17	487.75
258	14.25	980.42	498.00
259	8.83	989.25	502.83
260	12.00	1001.25	510.83
261	15.00	1016.25	521.83
262	15.00	1031.25	532.83
263	14.92	1046.17	543.75
264	14.08	1060.25	553.83
265	14.50	1074.75	564.33
266	14.50	1089.25	574.83
267	14.50	1103.75	585.33
268	12.42	1116.17	593.75
269	10.33	1126.50	600.08
270	12.42	1138.92	608.50

FOURCHU NS ... continued

Station	Depth	Latitude	Longitude	Start
388	22.0	45.69	60.20	May 13, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
271	13.17	1152.08	617.67
272	12.83	1164.92	626.50
273	13.08	1178.00	635.56
Total Deg. Days (C) for Sept/82 = 396.92			
274	14.50	1192.50	646.08
275	12.33	1204.83	654.42
276	11.25	1216.08	661.67
277	13.50	1229.58	671.17
278	13.50	1243.08	681.20

FOURCHU NS

Station	Deptn	Latitude	Longitude	Start
38C	129.0	45.64	59.93	July 28, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
209	1.50	1.50	0.00
210	1.50	3.00	0.00
211	1.50	4.50	0.00
212	1.75	6.25	0.00
213	1.50	7.75	0.00
214	1.83	9.58	0.00
215	1.75	11.33	0.00
216	1.75	13.08	0.00
217	1.75	14.83	0.00
218	1.75	16.58	0.00
219	2.25	18.83	0.00
220	1.50	20.33	0.00
221	1.83	22.17	0.00
222	1.50	23.67	0.00
223	1.50	25.17	0.00
224	1.50	26.67	0.00
225	1.42	28.08	0.00
226	1.00	29.08	0.00
227	1.00	30.08	0.00
228	1.33	31.42	0.00
229	1.50	32.92	0.00
230	1.50	34.42	0.00
231	1.92	36.33	0.00
232	1.50	37.83	0.00
233	1.50	39.33	0.00
234	1.50	40.83	0.00
235	1.75	42.58	0.00
236	1.75	44.33	0.00
237	1.50	45.83	0.00
238	1.50	47.33	0.00
239	1.08	48.42	0.00
240	1.00	49.42	0.00
241	1.00	50.42	0.00
242	1.00	51.42	0.00

Estimated Deg. Days (0) for Aug/82 = 46.57

GABARUS NS

Station	Depth	Latitude	Longitude	Start
398	23.0	45.78	60.11	May 22, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
142	3.00	3.00	.83
143	2.67	5.67	.83
144	3.00	8.67	.83
145	3.00	11.67	.83
146	3.00	14.67	.83
147	3.08	17.75	.83
148	3.50	21.25	.83
149	3.08	24.33	.83
150	3.17	27.50	.83
151	3.50	31.00	.83
Estimated Deg. Days (D) for May/82 =		87.36	
152	3.67	34.67	.83
153	4.00	38.67	.83
154	3.83	42.50	.83
155	3.67	46.17	.92
156	4.25	50.42	1.17
157	3.92	54.33	1.25
158	4.75	59.08	2.00
159	5.00	64.08	3.00
160	4.83	68.92	3.83
161	4.25	73.17	4.08
162	5.00	78.17	5.00
163	5.00	83.17	6.08
164	5.00	88.17	7.00
165	5.00	93.17	8.08
166	5.33	98.50	9.42
167	4.92	103.42	10.33
168	4.33	107.75	10.67
169	4.00	111.75	10.67
170	4.00	115.75	10.67
171	4.75	120.50	11.42
172	5.25	125.75	12.67
173	5.33	131.08	14.00
174	5.00	136.08	15.00
175	5.00	141.08	16.00
176	4.58	145.67	16.58
177	4.50	150.17	17.08
178	4.67	154.83	17.75
179	5.00	159.83	18.75
180	5.00	164.83	19.75
181	5.17	170.00	20.92
Total Deg. Days (D) for June/82 =		139.00	
182	5.00	175.00	21.92
183	5.00	180.00	22.92
184	4.50	184.50	23.42
185	4.42	188.92	23.83

GABARUS NS ... continued

Station	Depth	Latitude	Longitude	Start
398	23.0	45.78	60.11	May 22, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
186	5.25	194.17	25.08
187	5.33	199.50	26.42
188	6.00	205.50	28.42
189	5.25	210.75	29.67
190	4.17	214.92	29.92
191	3.67	218.58	29.92
192	4.92	223.50	30.83
193	5.50	229.00	33.67

Estimated Deg. Days (D) for July/82 = 152.42

GABARUS NS

Station	Depth	Latitude	Longitude	Start
39C	70.0	45.81	60.05	Aug 17, 1982 14:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
229	2.50	2.50	0.00
230	1.83	4.33	0.00
231	2.25	6.58	0.00
232	2.33	8.92	0.00
233	1.83	10.75	0.00
234	2.42	13.17	0.00
235	2.75	15.92	0.00
236	2.25	18.17	0.00
237	2.00	20.17	0.00

SEAL ISLAND NS

Station	Deptn	Latitude	Longitude	Start
41A	16.0	46.19	60.55	June 4, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
155	9.00	9.00	5.00
156	8.50	17.50	9.50
157	8.50	26.00	14.00
158	7.25	33.25	17.25
159	7.67	40.92	20.92
160	8.08	49.00	29.00
161	8.00	57.00	29.00
162	8.33	65.33	33.33
163	8.67	74.00	38.00
164	8.92	82.92	42.92
165	9.00	91.92	47.92
166	8.83	100.75	52.75
167	8.58	109.33	57.33
168	9.08	118.42	62.42
169	8.92	127.33	67.33
170	9.17	136.50	72.50
171	9.42	145.92	77.92
172	8.83	154.75	82.75
173	9.33	164.08	88.08
174	9.92	174.00	94.00
175	9.75	183.75	99.75
176	10.00	193.75	105.75
177	10.00	203.75	111.75
178	10.50	214.25	118.25
179	10.83	225.08	125.08
180	11.00	236.08	132.08
181	11.00	247.08	139.08

Estimated Deg. Days (3) for June/82 = 264.73

182	11.08	258.17	146.17
183	11.67	269.83	153.83
184	11.75	281.58	161.58
185	11.42	293.00	169.00
186	11.33	304.33	176.33
187	12.00	316.33	184.33
188	12.25	328.58	192.58
189	13.00	341.58	201.58
190	13.58	355.17	211.17
191	14.00	369.17	221.17
192	14.25	383.42	231.42
193	14.75	398.17	242.17
194	14.92	413.08	253.08
195	15.17	428.25	264.25
196	15.67	443.92	275.92
197	15.83	459.75	287.75
198	15.75	475.50	299.50
199	16.00	491.50	311.50
200	16.33	507.83	323.83
201	16.00	523.83	335.83

SEAL ISLAND NS ... continued

Station	Deptn	Latitude	Longitude		Start
41A	16.0	46.19	60.55	June	4, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
202	16.08	539.92	347.92
203	15.92	555.83	359.83
204	16.33	572.17	372.17
205	16.00	588.17	384.17
206	16.42	604.58	396.58
207	16.92	621.50	409.50
208	17.00	638.50	422.50
209	17.08	655.58	435.58
210	17.50	673.08	449.08
211	17.50	690.58	462.58
212	17.42	708.00	476.00
Total Deg. Days (0) for July/82 =		460.92	
213	17.75	725.75	489.75
214	17.33	743.08	503.08
215	17.33	760.42	516.42
216	17.00	777.42	529.42
217	17.00	794.42	542.42
218	17.00	811.42	555.42
219	17.00	828.42	568.42
220	17.00	845.42	581.42
221	17.00	862.42	594.42
222	17.00	879.42	607.42
223	17.00	896.42	620.42
224	17.00	913.42	633.42
225	17.00	930.42	646.42
226	16.67	947.08	659.08
227	17.00	964.08	672.08
228	17.00	981.08	685.08
229	17.50	998.58	698.58
230	17.50	1016.08	712.08
231	17.33	1033.42	725.42
232	17.50	1050.92	738.92
233	17.42	1068.33	752.33
234	17.00	1085.33	765.33
235	17.00	1102.33	778.33
236	17.00	1119.33	791.33
237	17.00	1136.33	804.33
238	17.00	1153.33	817.33
239	17.00	1170.33	830.33
240	17.50	1187.83	843.83
241	17.08	1204.92	856.92
242	17.00	1221.92	869.92
243	17.00	1238.92	882.92
Total Deg. Days (0) for Aug/82 =		530.92	
244	16.75	1255.67	895.67
245	16.50	1272.17	908.17

SEAL ISLAND NS ... continued

Station 41A | Deptn 16.0 | Latitude 46.19 | Longitude 60.55 | Start June 4, 1982 18:00 G

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
246			
247	16.50	1288.67	920.67
248	16.50	1305.17	933.17
249	16.50	1321.67	945.67
250	16.50	1338.17	958.17
251	16.50	1354.67	970.67
252	16.25	1370.92	982.92
253	16.00	1386.92	994.92
254	16.00	1402.92	1006.92
255	16.00	1418.92	1018.92
256	16.08	1435.00	1031.00
257	16.50	1451.50	1043.50
258	16.50	1468.00	1056.00
259	16.50	1484.50	1068.50
260	16.33	1500.83	1080.83
261	16.00	1516.83	1092.83
262	16.00	1532.83	1104.83
263	16.00	1548.83	1116.83
264	16.00	1564.83	1128.83
265	16.00	1580.83	1140.83
266	16.00	1596.83	1152.83
267	16.00	1612.83	1164.83
268	16.00	1628.83	1176.83
269	16.00	1644.83	1188.83
270	16.00	1660.83	1200.83
271	16.00	1676.83	1212.83
272	15.92	1692.83	1224.83
273	15.83	1708.75	1236.75
		1724.08	1248.08

Total Deg. Days (0) for Sept/82 = 485.17

274			
275	15.00	1739.08	1259.08
276	14.92	1754.00	1270.00
277	14.17	1768.17	1280.17
278	14.00	1782.17	1290.17
279	14.00	1796.17	1300.17
280	14.00	1810.17	1310.17
281	14.00	1824.17	1320.17
282	13.75	1837.92	1329.92
283	13.33	1851.25	1339.25
284	13.00	1864.25	1348.25
285	12.75	1877.00	1357.00
286	12.50	1889.50	1365.50
287	12.50	1902.00	1374.00
	12.30	1914.30	1382.83

Estimated Deg. Days (0) for Oct/82 = 421.19

SEAL ISLAND NS

Station	Deptn	Latitude	Longitude	Start
41B	3.0	46.19	60.55	June 14, 1982 18:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
165	10.50	10.50	6.50
166	10.50	21.00	13.00
167	10.08	31.08	19.08
168	10.50	41.58	25.58
169	10.50	52.08	32.08
170	10.83	62.92	38.92
171	11.00	73.92	45.92
172	10.00	83.92	51.92
173	10.42	94.33	58.33
174	10.50	104.83	64.83
175	10.75	115.58	71.58
176	11.00	126.58	78.58
177	11.00	137.58	85.58
178	11.00	148.58	92.58
179	11.00	159.58	99.58
180	11.00	170.58	106.58
181	11.42	182.00	114.00

Estimated Deg. Days (C) for June/82 = 303.33

182	11.50	193.50	121.50
183	11.50	205.00	129.00
184	12.00	217.00	137.00
185	12.00	229.00	145.00
186	12.00	241.00	153.00
187	12.00	253.00	161.00
188	12.00	265.00	169.00
189	12.00	277.00	177.00
190	12.25	289.25	185.25
191	12.50	301.75	193.75
192	12.50	314.25	202.25
193	12.50	326.75	210.75
194	12.50	339.25	219.25
195	12.75	352.00	228.00
196	13.00	365.00	237.00
197	13.00	378.00	246.00
198	13.17	391.17	255.17
199	13.75	404.92	264.92
200	14.25	419.17	275.17
201	14.92	434.08	286.08
202	15.25	449.33	297.33
203	16.00	465.33	309.33
204	16.08	481.42	321.42
205	16.83	498.25	334.25
206	17.50	515.75	347.75
207	17.00	532.75	360.75
208	17.50	550.25	374.25
209	17.50	567.75	387.75
210	17.50	585.25	401.25
211	17.50	602.75	414.75

SEAL ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
418	3.0	46.19	60.55	June 14, 1982 18:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
212	17.50	620.25	428.25

Total Deg. Days (3) for July/82 = 438.25

213	17.50	637.75	441.75
214	17.50	655.25	455.25
215	16.92	672.17	468.17
216	7.08	679.25	471.25
217	4.75	684.00	472.00
218	4.17	688.17	472.17
219	3.75	691.92	472.17
220	3.17	695.08	472.17
221	2.50	697.58	472.50

SEAL ISLAND NS

Station	Deptn	Latitude	Longitude	Start
41C	3.3	46.19	60.55	Oct 7, 1982 18:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
280	13.50	13.50	9.50
281	13.08	26.58	18.58
282	12.92	39.50	27.50
283	12.50	52.00	36.00
284	12.33	64.33	44.33
285	12.08	76.42	52.42
286	12.00	88.42	60.42
287	12.00	100.42	68.95

SECTION 11

AREA 2: Gulf

Mean Daily Temperatures, Degree Days

PICTOU ISLAND NS

Station	Depth	Latitude	Longitude	Start
44	19.0	45.81	62.45	July 30, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
211	15.50	15.50	11.50
212	15.58	31.08	23.08
213	16.00	47.08	35.08
214	16.00	63.08	47.08
215	16.00	79.08	59.08
216	16.50	95.58	71.58
217	16.75	112.33	84.33
218	16.08	128.42	96.42
219	16.00	144.42	108.42
220	16.25	160.67	120.67
221	16.00	176.67	132.67
222	16.00	192.67	144.67
223	16.00	208.67	156.67
224	16.00	224.67	168.67
225	16.42	241.08	181.08
226	16.25	257.33	193.33
227	16.00	273.33	205.33
228	16.00	289.33	217.33
229	16.50	305.83	229.83
230	16.33	322.17	242.17
231	16.75	338.92	254.92
232	16.67	355.58	267.58
233	16.17	371.75	279.75
234	16.00	387.75	291.75
235	16.00	403.75	303.75
236	16.00	419.75	315.75
237	16.00	435.75	327.75
238	16.00	451.75	339.75
239	16.00	467.75	351.75
240	16.00	483.75	363.75
241	16.00	499.75	375.75
242	15.67	515.42	387.42
243	15.17	530.58	398.58

Total Deg. Days (0) for Aug/82 = 499.50

244	15.00	545.58	409.58
245	15.00	560.58	420.58
246	15.00	575.58	431.58
247	15.00	590.58	442.58
248	15.00	605.58	453.58
249	15.50	621.08	465.08
250	15.50	636.58	476.58
251	15.25	651.83	487.83
252	15.00	666.83	498.83
253	15.00	681.83	509.83
254	15.00	696.83	520.83
255	15.50	712.33	532.33
256	15.50	727.83	543.83
257	15.50	743.33	555.33

PICTOU ISLAND NS ... continued

Station	Depth	Latitude	Longitude	Start
44	19.0	45.81	62.45	July 30, 1982 18:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
258	15.33	758.67	560.67
259	15.00	773.67	577.67
260	15.00	788.67	588.67
261	15.00	803.67	599.67
262	15.00	818.67	610.67
263	15.00	833.67	622.60

Estimated Deg. Days (0) for Sept/82 = 454.52

SKINNERS COVE NS

Station	Depth	Latitude	Longitude	Start
46	13.0	45.83	63.05	June 1, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
152	6.00	6.00	3.33
153	5.08	11.08	4.42
154	6.33	17.42	6.75
155	7.42	24.83	10.17
156	7.08	31.92	13.25
157	7.25	39.17	16.50
158	7.50	46.67	20.00
159	7.25	53.92	23.25
160	7.00	60.92	26.25
161	7.25	68.17	29.50
162	6.67	74.83	32.17
163	6.83	81.67	35.00
164	6.67	88.33	37.67
165	6.17	94.50	39.83
166	6.08	100.58	41.92
167	6.92	107.50	44.83
168	7.00	114.50	47.83
169	7.50	122.00	51.33
170	8.25	130.25	55.58
171	8.17	138.42	59.75
172	8.42	146.83	64.17
173	8.75	155.58	68.92
174	9.17	164.75	74.08
175	9.08	173.83	79.17
176	10.75	184.58	85.92
177	10.42	195.00	92.33
178	9.75	204.75	98.08
179	10.17	214.92	104.25
180	8.75	223.67	109.00
181	8.42	232.08	113.42

Total Deg. Days (0) for June/82 = 232.08

182	9.50	241.58	118.92
183	11.58	253.17	126.50
184	11.75	264.92	134.25
185	12.50	277.42	142.75
186	12.33	289.75	151.08
187	11.17	300.92	158.25
188	10.83	311.75	165.08
189	10.92	322.67	172.00
190	10.83	333.50	178.83
191	10.58	344.08	185.42
192	9.08	353.17	190.50
193	8.17	361.33	194.67
194	8.25	369.58	198.92
195	9.33	378.92	204.25
196	9.67	388.58	209.92
197	10.17	398.75	216.08
198	10.00	408.75	222.08

SKINNERS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
46	13.0	45.83	63.05	June 1, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
199	10.25	419.00	228.33
200	10.67	429.67	235.00
201	10.92	440.58	241.92
202	11.83	452.42	249.75
203	11.00	463.42	256.75
204	11.83	475.25	264.58
205	14.33	489.58	274.92
206	13.50	503.08	284.42
207	13.92	517.00	294.33
208	14.67	531.67	305.00
209	14.00	545.67	315.00
210	11.67	557.33	322.67
211	14.83	572.17	333.50
212	15.17	587.33	344.67

Total Deg. Days (0) for July/82 = 355.25

213	15.42	602.75	356.08
214	16.00	618.75	368.08
215	14.67	633.42	378.75
216	14.58	648.00	389.33
217	14.33	662.33	399.67
218	13.75	676.08	409.42
219	14.00	690.08	419.42
220	14.50	704.58	429.92
221	14.92	719.50	440.83
222	13.92	733.42	450.75
223	14.42	747.83	461.17
224	15.00	762.83	472.17
225	14.75	777.58	482.92
226	14.33	791.92	493.25
227	15.08	807.00	504.33
228	15.42	822.42	515.75
229	15.25	837.67	527.00
230	16.00	853.67	539.00
231	16.17	869.83	551.17
232	15.50	885.33	562.67
233	16.75	902.08	575.42
234	17.17	919.25	588.58
235	16.67	935.92	601.25
236	14.92	950.83	612.17
237	14.67	965.50	622.83
238	14.83	980.33	633.67
239	15.50	995.83	645.17
240	15.33	1011.17	656.50
241	16.00	1027.17	668.50
242	16.00	1043.17	680.50
243	15.58	1058.75	692.08

Total Deg. Days (0) for Aug/82 = 471.42

SKINNERS COVE NS ... continued

Station	Depth	Latitude	Longitude	Start
46	13.0	45.83	63.05	June 1, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
244	15.00	1073.75	703.08
245	15.00	1088.75	714.08
246	15.00	1103.75	725.08
247	15.25	1119.00	736.33
248	15.50	1134.50	747.83
249	15.67	1150.17	759.50
250	16.00	1166.17	771.50
251	16.00	1182.17	783.50
252	15.25	1197.42	794.75
253	15.00	1212.42	805.75
254	15.00	1227.42	816.75
255	15.00	1242.42	827.75
256	15.33	1257.75	839.00
257	15.67	1273.42	850.75
258	15.83	1289.25	862.58
259	15.92	1305.17	874.50
260	15.75	1320.92	886.25
261	15.75	1336.67	899.00

Estimated Deg. Days (C) for Sept/82 = 463.19

PUGWASH NS

Station	Deptn	Latitude	Longitude	Start
47	17.0	45.90	63.68	Apr 23, 1982 21:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
113		* NO DATA *	
114	2.00	2.00	0.00
115	2.00	4.00	0.00
116	2.67	6.67	0.00
117	3.00	9.67	0.00
118	3.42	13.08	0.00
119	3.83	16.92	0.00
120	3.42	20.33	0.00
121	2.67	23.00	0.00
122	2.50	25.50	0.00
123	2.50	28.00	0.00
124	2.50	30.50	0.00
125	2.92	33.42	0.00
126	3.00	36.42	0.00
127	3.00	39.42	0.00
128	3.00	42.42	0.00
129	3.00	45.42	0.00
130	3.08	48.50	0.00
131	5.42	53.92	1.50
132	5.83	60.75	4.33
133	6.08	66.83	6.42
134	5.50	72.33	7.92
135	5.00	77.33	8.92
136	5.00	82.33	9.92
137	5.00	87.33	10.92
138	5.00	92.33	11.92
139	5.33	97.67	13.25
140	5.50	103.17	14.75
141	5.50	108.67	16.25
142	6.00	114.67	18.25
143	6.00	120.67	20.25
144	6.00	126.67	22.25
145	6.00	132.67	24.25
146	6.00	138.67	26.25
147	6.00	144.67	28.25
148	6.00	150.67	30.25
149	6.00	156.67	32.25
150	6.25	162.92	34.50
151	6.50	169.42	37.00

Total Deg. Days (C) for May/82 = 149.38

152	6.50	175.92	39.50
153	6.50	182.42	42.00
154	6.75	189.17	44.75
155	7.42	196.58	48.17
156	7.67	204.25	51.83
157	7.92	212.17	55.75
158	8.50	220.67	60.25
159	9.25	229.92	65.50

PUGWASH NS ... continued

Station	Depth	Latitude	Longitude	Start
47	17.0	45.90	63.68	Apr 23, 1982 21:00 GMT

Day Number	Mean Temp.	Deg. Day (J)	Deg. Day (A)
160	9.83	239.75	71.33
161	9.50	249.25	76.83
162	10.00	259.25	82.83
163	10.50	269.75	89.33
164	10.67	280.42	96.00
165	11.00	291.42	103.00
166	10.83	302.25	109.83
167	11.17	313.42	117.00
168	11.33	324.75	124.33
169	11.17	335.92	131.50
170	9.67	345.58	137.17
171	9.67	355.25	142.83
172	10.00	365.25	148.83
173	10.25	375.50	155.08
174	10.50	386.00	161.58
175	11.00	397.00	168.58
176	12.25	409.25	176.83
177	12.25	421.50	185.08
178	12.00	433.50	193.08
179	12.00	445.50	201.08
180	12.00	457.50	209.08
181	11.00	468.50	216.08
Total Deg. Days (J) for June/82 =		299.08	
182	8.25	476.75	220.33
183	7.92	484.67	224.25
184	7.75	492.42	228.00
185	7.50	499.92	231.50
186	7.75	507.67	235.25
187	8.67	516.33	239.92
188	9.25	525.58	245.17
189	9.92	535.50	251.08
190	10.00	545.50	257.08
191	10.00	555.50	263.08
192	10.67	566.17	269.75
193	11.00	577.17	276.75
194	11.00	588.17	283.75
195	12.00	600.17	291.75
196	12.17	612.33	299.92
197	12.75	625.08	308.67
198	12.92	638.00	317.58
199	12.17	650.17	325.75
200	10.83	661.00	332.58
201	10.17	671.17	338.75
202	10.83	681.50	345.08
203	12.92	694.42	354.00
204	12.58	707.00	362.58
205	12.67	719.67	371.25
206	13.42	733.08	380.67

PUGWASH NS ... continued

Station	Depth	Latitude	Longitude	Start
47	17.0	45.90	63.68	Apr 23, 1982 21:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
207	13.75	746.83	390.42
208	14.17	761.00	400.58
209	14.92	775.92	411.50
210	15.08	791.00	422.58
211	15.83	806.83	434.42
212	15.92	822.75	446.33
Total Deg. Days (C) for July/82 = 354.25			
213	15.17	837.92	457.50
214	15.08	853.00	468.58
215	16.00	869.00	480.58
216	16.00	885.00	492.58
217	16.00	901.00	504.58
218	16.00	917.00	516.58
219	16.00	933.00	528.58
220	16.50	949.50	541.08
221	16.33	965.83	553.42
222	15.67	981.50	565.08
223	14.92	996.42	576.00
224	14.50	1010.92	586.50
225	14.67	1025.58	597.17
226	15.00	1040.58	608.17
227	15.00	1055.58	619.17
228	15.00	1070.58	630.17
229	15.00	1085.58	641.17
230	15.00	1100.58	652.17
231	15.75	1116.33	663.92
232	15.75	1132.08	675.67
233	16.42	1148.50	688.08
234	17.00	1165.50	701.08
235	17.00	1182.50	714.08
236	16.67	1199.17	726.75
237	16.25	1215.42	739.00
238	16.25	1231.67	751.25
239	17.00	1248.67	764.25
240	17.00	1265.67	777.25
241	17.00	1282.67	790.25
242	16.67	1299.33	802.92
243	16.50	1315.83	815.42
Total Deg. Days (C) for Aug/82 = 493.38			
244	16.17	1332.00	827.58
245	16.00	1348.00	839.58
246	16.00	1364.00	851.58
247	16.00	1380.00	863.58
248	16.00	1396.00	875.58
249	16.00	1412.00	887.58
250	16.00	1428.00	899.58

PUGWASH NS ... continued

Station	Depth	Latitude	Longitude	Start
47	17.0	45.90	63.68	Apr 23, 1982 21:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
251	16.00	1444.00	911.58
252	16.00	1460.00	923.58
253	16.00	1476.00	935.58
254	16.00	1492.00	947.58
255	16.00	1508.00	959.58
256	16.00	1524.00	971.58
257	16.00	1540.00	983.58
258	16.50	1556.50	996.08
259	16.50	1573.00	1008.58
260	16.17	1589.17	1020.75

Estimated Deg. Days (0) for Sept/82 = 482.35

VICTORIA PEI

Station	Deptn	Latitude	Longitude	Start
48	11.0	46.18	63.48	May 8, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
128	7.00	7.00	3.00
129	6.33	13.33	5.33
130	5.08	18.42	6.42
131	4.00	22.42	6.42
132	4.00	26.42	6.42
133	4.00	30.42	6.42
134	4.00	34.42	6.42
135	4.00	38.42	6.42
136	4.00	42.42	6.42
137	4.00	46.42	6.42
138	4.50	50.92	6.92
139	4.92	55.83	7.83
140	5.33	61.17	9.17
141	6.00	67.17	11.17
142	6.42	73.58	13.58
143	6.50	80.08	16.08
144	6.92	87.00	19.00
145	7.17	94.17	22.17
146	7.50	101.67	25.67
147	7.92	109.58	29.58
148	8.00	117.58	33.58
149	8.00	125.58	37.58
150	8.00	133.58	41.58
151	9.50	143.08	47.08

Estimated Deg. Days (C) for May/82 = 177.42

152	10.58	153.67	53.67
153	11.00	164.67	60.67
154	11.00	175.67	67.67
155	11.00	186.67	74.67
156	11.00	197.67	81.67
157	11.75	209.42	89.42
158	11.75	221.17	97.17
159	11.50	232.67	104.67
160	11.50	244.17	112.17
161	11.50	255.67	119.67
162	11.92	267.58	127.58
163	12.00	279.58	135.58
164	12.00	291.58	143.58
165	12.00	303.58	151.58
166	11.92	315.50	159.50
167	11.08	326.58	166.58
168	11.00	337.58	173.58
169	11.00	348.58	180.58
170	11.17	359.75	187.75
171	10.83	370.58	194.58
172	11.33	381.92	201.92
173	12.00	393.92	209.92
174	12.00	405.92	217.92

VICTORIA PEI ...I continued

Station	Depth	Latitude	Longitude	Start
48	11.0	46.18	63.48	May 8, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
175	12.42	418.33	226.33
176	11.92	430.25	234.25
177	11.33	441.58	241.58
178	11.83	453.42	249.42
179	11.25	464.67	256.67
180	12.08	476.75	264.75
181	12.67	489.42	273.42
Total Deg. Days (C) for June/82 =		346.33	
182	13.00	502.42	282.42
183	11.75	514.17	290.17
184	9.25	523.42	295.42
185	9.92	533.33	301.33
186	8.50	541.83	305.83
187	10.50	552.33	312.33
188	11.50	563.83	319.83
189	12.50	576.33	328.33
190	9.00	585.33	333.33
191	11.80	597.13	341.67
192		* NO DATA *	
193		* NO DATA *	
194		* NO DATA *	
195		* NO DATA *	
196		* NO DATA *	
197		* NO DATA *	
198		* NO DATA *	
199		* NO DATA *	
200		* NO DATA *	
201		* NO DATA *	
202		* NO DATA *	
203		* NO DATA *	
204		* NO DATA *	
205		* NO DATA *	
206		* NO DATA *	
207		* NO DATA *	
208		* NO DATA *	
209		* NO DATA *	
210	17.20	614.33	355.40
211	17.25	631.58	368.65
212	14.83	646.42	379.48
Total Deg. Days (C) for July/82 =		157.00	
213	15.42	661.83	390.90
214	15.67	677.50	402.57
215	15.17	692.67	413.73
216	16.58	709.25	426.32
217	17.00	726.25	439.32
218	17.00	743.25	452.32

VICTORIA PEI ... continued

Station	Depth	Latitude	Longitude	Start
48	11.0	46.18	63.48	May 8, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
219	17.00	760.25	465.32
220	17.00	777.25	478.32
221	17.00	794.25	491.32
222	17.00	811.25	504.32
223	17.17	828.42	517.48
224	17.50	845.92	530.98
225	17.50	863.42	544.48
226	17.50	880.92	557.98
227	17.50	898.42	571.48
228	17.50	915.92	584.98
229	17.08	933.00	598.07
230	17.33	950.33	611.40
231	17.00	967.33	624.40
232	17.33	984.67	637.73
233	17.25	1001.92	650.98
234	16.67	1018.58	663.65
235	16.50	1035.08	676.15
236	16.50	1051.58	688.65
237	16.50	1068.08	701.15
238	16.50	1084.58	713.65
239	16.50	1101.08	726.15
240	16.67	1117.75	738.82
241	16.42	1134.17	751.23
242	14.75	1148.92	761.98
243	15.08	1164.00	773.07

Total Deg. Days (C) for Aug/82 = 517.38

244	15.50	1179.50	784.57
245	15.67	1195.17	796.23
246	15.50	1210.67	807.73
247	15.50	1226.17	819.23
248	16.00	1242.17	831.23
249	16.00	1258.17	843.23
250	16.00	1274.17	855.23
251	15.67	1289.83	866.90
252	15.33	1305.17	878.23
253	15.00	1320.17	889.23
254	15.00	1335.17	900.23
255	15.33	1350.50	911.57
256	15.50	1366.00	923.07
257	15.33	1381.33	934.90
258	16.25	1398.08	947.15
259	16.00	1414.08	959.15
260	16.00	1430.08	971.15
261	15.75	1445.83	982.90
262	15.50	1461.33	994.40
263	15.50	1476.83	1006.43

Estimated Deg. Days (C) for Sept/82 = 469.25

CAPE EGMONT PEI

Station	Depth	Latitude	Longitude	Start
508	12.0	46.38	64.13	June 25, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
177	14.75	14.75	12.08
178	14.92	29.67	23.00
179	15.00	44.67	34.00
180	15.17	59.83	45.17
181	15.00	74.83	56.17
182	15.00	89.83	67.17
183	15.00	104.83	78.17
184	15.00	119.83	89.17
185	15.00	134.83	100.17
186	15.08	149.92	111.25
187	15.58	165.50	122.83
188	15.92	181.42	134.75
189	16.08	197.50	146.83
190	16.58	214.08	159.42
191	16.92	231.00	172.33
192	17.00	248.00	185.33
193	17.42	265.42	198.75
194	18.17	283.58	212.92
195	18.25	301.83	227.17
196	18.33	320.17	241.50
197	18.92	339.08	256.42
198	19.00	358.08	271.42
199	19.17	377.25	286.58
200	19.92	397.17	302.50
201	20.00	417.17	318.50
202	19.50	436.67	334.00
203	19.00	455.67	349.00
204	18.17	473.83	363.17
205	17.75	491.58	376.92
206	18.00	509.58	390.92
207	18.00	527.58	404.92
208	18.00	545.58	418.92
209	18.50	564.08	433.42
210	19.00	583.08	448.42
211	18.50	601.58	462.92
212	18.00	619.58	476.92

Total Deg. Days (C) for July/82 = 344.75

213	18.33	637.92	491.25
214	18.75	656.67	506.00
215	18.50	675.17	520.50
216	18.83	694.00	535.33
217	18.83	712.83	550.17
218	18.08	730.92	564.25
219	18.00	748.92	578.25
220	18.00	766.92	592.25
221	18.50	785.42	606.75
222	18.50	803.92	621.25
223	19.00	822.92	636.25

CAPE EGMONT PEI ... continued

Station	Deptn	Latitude	Longitude	Start
508	12.0	46.38	64.13	June 26, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
224	19.00	841.92	651.25
225	19.00	860.92	666.25
226	19.00	879.92	681.25
227	19.00	898.92	696.25
228	19.00	917.92	711.25
229	19.00	937.00	726.33
230	19.25	956.25	741.58
231	19.50	975.75	757.00
232	19.50	995.25	772.50
233	19.25	1014.50	787.83
234	18.75	1033.25	802.58
235	18.33	1051.58	816.92
236	18.17	1069.75	831.08
237	18.00	1087.75	845.00
238	18.00	1105.75	859.08
239	18.00	1123.75	873.08
240	18.00	1141.75	887.08
241	17.83	1159.58	900.67
242	17.00	1176.33	913.67
243	16.83	1193.17	926.50

Total Deg. Days (C) for Aug/82 = 573.38

244	16.42	1209.58	939.92
245	15.83	1225.42	952.75
246	16.00	1241.42	965.75
247	16.25	1257.67	979.00
248	16.50	1274.17	992.50
249	16.58	1290.75	1006.08
250	16.75	1307.50	1019.83
251	16.17	1323.67	1032.92
252	15.67	1339.33	1045.67
253	15.67	1355.00	1058.33
254	16.08	1371.08	1071.42
255	16.50	1387.58	1084.92
256	16.42	1404.00	1098.33
257	16.00	1420.00	1111.33
258	16.00	1436.00	1124.33
259	15.67	1451.67	1137.00
260	16.00	1467.67	1150.00
261	16.00	1483.67	1163.00
262	16.00	1499.67	1176.00
263	15.67	1515.33	1188.67
264	15.50	1530.83	1201.17
265	15.17	1546.00	1213.33
266	15.00	1561.00	1225.33

Estimated Deg. Days (C) for Sept/82 = 479.78

WEST POINT PEI

Station	Deptn	Latitude	Longitude	Start
51	11.0	46.66	64.40	June 30, 1982 14:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
181	16.25	16.25	13.58
182	15.58	31.83	25.17
183	14.58	46.42	35.75
184	14.33	60.75	46.08
185	13.42	74.17	55.50
186	13.25	87.42	64.75
187	14.17	101.58	74.92
188	14.83	116.42	85.75
189	15.83	132.25	97.58
190	16.33	148.58	109.92
191	16.17	164.75	122.08
192	16.67	181.42	134.75
193	18.00	199.42	148.75
194	18.42	217.83	163.17
195	17.67	235.50	176.83
196	17.58	253.08	190.42
197	17.92	271.00	204.33
198	18.33	289.33	218.67
199	19.83	309.17	234.50
200	19.50	328.67	250.00
201	19.17	347.83	265.17
202	18.83	366.67	280.00
203	18.33	385.00	294.33
204	18.67	403.67	309.00
205	18.08	421.75	323.08
206	18.17	439.92	337.25
207	18.17	458.08	351.42
208	18.08	476.17	365.50
209	18.42	494.58	379.92
210	19.00	513.58	394.92
211	17.58	531.17	408.50
212	17.25	548.42	421.75

Total Deg. Days (0) for July/82 = 532.17

213	17.75	566.17	435.50
214	18.25	584.42	449.75
215	18.58	603.00	464.33
216	18.92	621.92	479.25
217	18.92	640.83	494.17
218	18.50	659.33	508.67
219	18.42	677.75	523.08
220	19.00	696.75	538.08
221	19.00	715.75	553.08
222	19.00	734.75	568.08
223	19.00	753.75	583.08
224	19.00	772.75	598.08
225	19.00	791.75	613.08
226	19.00	810.75	628.08
227	19.00	829.75	643.08

WEST POINT PEI ... continued

Station	Depth	Latitude	Longitude	Start
51	11.0	46.66	64.40	June 30, 1982 14:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
228	19.100	848.75	659.08
229	19.108	867.83	673.17
230	19.25	887.08	688.42
231	19.00	906.08	703.42
232	19.00	925.08	718.42
233	19.00	944.08	733.42
234	18.00	962.08	747.42
235	17.92	980.00	761.33
236	18.00	998.00	775.33
237	18.00	1016.00	789.33
238	18.00	1034.00	803.33
239	18.00	1052.00	817.33
240	17.75	1069.75	831.08
241	16.50	1086.25	843.58
242	15.33	1101.58	854.92
243	15.00	1116.58	865.92

Total Deg. Days (C) for Aug/82 = 568.17

244	15.100	1131.58	876.92
245	15.00	1146.58	887.92
246	15.00	1161.58	898.92
247	15.08	1176.67	910.00
248	15.50	1192.17	921.50
249	15.58	1207.75	933.08
250	15.83	1223.58	944.92
251	15.50	1239.08	956.42
252	15.08	1254.17	967.50
253	15.00	1269.17	978.50
254	15.25	1284.42	989.75
255	15.67	1300.08	1001.42
256	16.00	1316.08	1013.42
257	16.17	1332.25	1025.58
258	16.50	1348.75	1038.08
259	16.08	1364.83	1050.17
260	16.00	1380.83	1062.17
261	16.00	1396.83	1074.70

Estimated Deg. Days (C) for Sept/82 = 467.08

RUSTICO PEI

Station	Deptn	Latitude	Longitude	Start
57	18.3	46.55	63.27	June 13, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
164	4.00	4.00	0.00
165	2.75	6.75	0.00
166	2.17	8.92	0.00
167	2.00	10.92	0.00
168	2.00	12.92	0.00
169	2.50	15.42	0.00
170	2.50	17.92	0.00
171	2.67	20.58	0.00
172	3.00	23.58	0.00
173	3.00	26.58	0.00
174	3.00	29.58	0.00
175	3.00	32.58	0.00
176	3.42	36.00	0.00
177	3.83	39.83	0.00
178	3.50	43.33	0.00
179	3.50	46.83	0.00
180	3.50	50.33	0.00
181	3.25	53.58	0.00

Estimated Deg. Days (C) for June/82 = 84.51

182	3.33	56.92	0.00
183	3.83	60.75	0.00
184	4.00	64.75	0.00
185	4.50	69.25	.50
186	5.17	74.42	1.67
187	5.00	79.42	2.67
188	5.00	84.42	3.67
189	5.33	89.75	5.00
190	5.58	95.33	6.58
191	5.17	100.50	7.75
192	5.00	105.50	8.75
193	4.42	109.92	9.17
194	3.58	113.50	9.17
195	3.00	116.50	9.17
196	3.00	119.50	9.17
197	3.50	123.00	9.17
198	4.00	127.00	9.17
199	4.00	131.00	9.17
200	3.25	134.25	9.17
201	3.25	137.50	9.17
202	4.33	141.83	9.50
203	5.00	146.83	10.50
204	5.17	152.00	11.67
205	7.00	159.00	14.67
206	6.33	165.33	17.00
207	5.00	170.33	18.00
208	5.83	176.17	19.83
209	6.17	182.33	22.00
210	6.50	188.83	24.50

RUSTICO PEI ... continued

Station	Depth	Latitude	Longitude	Start
57	18.0	46.55	63.27	June 13, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
211	8.00	196.83	28.50
212	10.83	207.67	35.33
Total Deg. Days (C) for July/82 =		154.38	
213	11.00	218.67	46.33
214	9.50	228.17	47.83
215	9.50	237.67	53.33
216	9.67	247.33	59.00
217	9.42	256.75	64.42
218	9.00	265.75	69.42
219	9.08	274.83	74.50
220	9.58	284.42	80.08
221	10.00	294.42	86.08
222	9.75	304.17	91.83
223	8.08	312.25	95.92
224	8.25	320.50	100.17
225	9.00	329.50	105.17
226	8.50	338.00	109.67
227	8.00	346.00	113.67
228	7.83	353.83	117.50
229	7.67	361.50	121.17
230	7.42	368.92	124.58
231	8.08	377.00	128.67
232	8.58	385.58	133.25
233	8.50	394.08	137.75
234	10.75	404.83	144.50
235	14.00	418.83	154.50
236	10.42	429.25	160.92
237	6.17	435.42	163.08
238	5.67	441.08	164.75
239	7.17	448.25	167.92
240	8.50	456.75	172.42
241	12.25	469.00	180.67
242	13.50	482.50	190.17
243	10.42	492.92	196.58
Total Deg. Days (C) for Aug/82 =		285.25	
244	6.83	499.75	199.42
245	7.33	507.08	202.75
246	5.83	512.92	204.58
247	6.50	519.42	207.08
248	8.33	527.75	211.42
249	8.67	536.42	216.08
250	8.17	544.58	220.25
251	10.08	554.67	226.33
252	8.75	563.42	231.08
253	7.08	570.50	234.17
254	7.50	578.00	237.67

RUSTICO PEI ... continued

Station	Depth	Latitude	Longitude	Start
57	18.0	46.55	63.27	June 13, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
255	6.67	584.67	240.33
256	6.17	590.83	242.50
257	5.67	596.50	244.17
258	5.17	601.67	245.33
259	7.00	608.67	248.33
260	6.17	614.83	250.50
261	6.92	621.75	253.42
262	6.58	628.33	256.00
263	6.00	634.33	258.00
264	5.50	639.83	259.50
265	5.00	644.83	260.50
266	4.58	649.42	261.08
267	3.58	653.00	261.08
268	4.75	657.75	261.92
269	6.00	663.75	263.92
270	5.00	668.75	264.92
271	5.00	673.75	265.92
272	5.83	679.58	267.75
273	6.00	685.58	269.75

Total Deg. Days (C) for Sept/82 = 192.57

274	5.67	691.25	271.42
275	6.75	698.00	274.17
276	13.00	711.00	283.17
277	12.50	723.50	291.67
278	12.50	736.00	300.17
279	12.50	748.50	308.67
280	12.50	761.00	317.17
281	12.50	773.50	325.67
282	12.00	785.50	333.67
283	12.00	797.50	341.67
284	12.00	809.50	349.67
285	12.00	821.50	357.67
286	11.17	832.67	364.83
287	11.00	843.67	371.83
288	7.33	851.00	375.17
289	5.92	856.92	377.08
290	7.33	864.25	380.42
291	9.75	874.00	386.17
292	10.50	884.50	392.67
293	10.50	895.00	399.17
294	9.83	904.83	405.00
295	6.92	911.75	407.92
296	8.75	920.50	412.67
297	9.50	930.00	418.17
298	9.50	939.50	423.67
299	9.50	949.00	429.17
300	9.50	958.50	434.67
301	9.30	967.80	440.50

Estimated Deg. Days (C) for Oct/82 = 312.45

BEACH POINT PEI

Station	Depth	Latitude	Longitude	Start
59	10.0	46.04	62.48	May 26, 1982 15:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
146	3.00	3.00	.67
147	3.83	6.83	.75
148	3.92	10.75	1.00
149	3.08	13.83	1.00
150	3.83	17.67	1.25
151	3.67	21.33	1.42
152	3.17	24.50	1.42
153	3.67	28.17	1.42
154	3.50	31.67	1.58
155	4.33	36.00	2.08
156	3.92	39.92	2.25
157	4.17	44.08	2.42
158	6.33	50.42	4.75
159	7.00	57.42	7.75
160	7.00	64.42	10.75
161	6.42	70.83	13.17
162	7.75	78.58	16.92
163	7.17	85.75	20.08
164	5.50	91.25	21.58
165	5.00	96.25	22.58
166	5.42	101.67	24.00
167	6.00	107.67	26.00
168	5.75	113.42	27.75
169	5.42	118.83	29.17
170	4.75	123.58	29.92
171	5.58	129.17	31.50
172	5.67	134.83	33.17
173	5.92	140.75	35.08
174	5.58	146.33	36.67
175	6.08	152.42	38.75
176	6.00	158.42	40.75
177	6.83	165.25	43.58
178	6.08	171.33	45.67
179	6.58	177.92	48.25
180	6.25	184.17	50.50
181	6.42	190.58	52.92

Total Deg. Days (0) for June/82 = 169.25

182	6.08	196.67	55.00
183	5.42	202.08	56.42
184	5.88	207.96	59.29

PLEASANT BAY CB NS

Station	Deptn	Latitude	Longitude		Start
61A	18.0	46.85	60.81	June 6, 1982	03:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
157	10.90	10.90	7.43
158	13.83	24.73	17.27
159	14.33	39.07	27.60
160	12.17	51.23	35.77
161	13.00	64.23	44.77
162	11.75	75.98	52.52
163	15.42	91.40	63.93
164	16.33	107.73	76.27
165	16.58	124.32	88.85
166	16.58	140.90	101.43
167	16.25	157.15	113.68
168	16.75	173.90	126.43
169	17.08	190.98	139.52
170	17.50	208.48	153.02
171	17.50	225.98	166.52
172	16.83	242.82	179.35
173	15.25	258.07	190.60
174	9.92	267.98	196.77
175	15.58	283.57	208.35
176	16.25	299.82	220.60
177	16.17	315.98	232.77
178	16.50	332.48	245.27
179	16.50	348.98	257.77
180	16.33	365.32	270.10
181	15.00	380.32	281.10

Estimated Deg. Days (C) for June/82 = 438.83

182	14.17	394.48	291.27
183	14.42	408.90	301.68
184	16.42	425.32	314.10
185	16.50	441.82	326.60
186	16.42	458.23	339.02
187	16.75	474.98	351.77
188	17.00	491.98	364.77
189	15.58	507.57	376.35
190	16.17	523.73	388.52
191	16.67	540.40	401.18
192	17.00	557.40	414.18
193	17.00	574.40	427.18
194	17.00	591.40	440.18
195	17.00	608.40	453.18
196	17.25	625.65	466.43
197	17.50	643.15	479.93
198	17.50	660.65	493.43
199	17.00	677.65	506.43
200	17.00	694.65	519.43
201	17.00	711.65	532.43
202	17.00	728.65	545.43
203	17.00	745.65	558.43

PLEASANT BAY CB NS ... continued

Station	Depth	Latitude	Longitude		Start	
61A	18.3	46.85	60.81	June	01 1982	03:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
204	16.58	762.23	571.02
205	16.42	778.65	583.43
206	16.00	794.65	595.43
207	16.00	810.65	607.43
208	16.00	826.65	619.43
209	15.58	842.23	631.02
210	15.75	857.98	642.77
211	16.00	873.98	654.77
212	16.00	889.98	666.77

Total Deg. Days (3) for July/82 = 509.57

213	16.00	905.98	678.77
214	15.07	921.05	690.43
215	15.25	936.90	701.68
216	15.08	951.98	712.77
217	15.00	966.98	723.77
218	15.00	981.98	734.77
219	15.25	997.23	746.02
220	15.67	1012.90	757.68
221	16.00	1028.90	769.68
222	16.00	1044.90	781.68
223	13.50	1058.40	791.18
224	14.17	1072.57	801.35
225	13.33	1085.90	810.68
226	14.08	1099.98	820.77
227	14.50	1114.48	831.27
228	13.83	1128.32	841.10
229	13.42	1141.73	850.52
230	11.92	1153.65	858.43
231	14.00	1167.65	868.43
232	13.75	1181.40	878.18
233	13.83	1195.23	888.02
234	13.75	1208.98	897.77
235	14.33	1223.32	908.10
236	13.08	1236.40	917.18
237	13.08	1249.48	926.27
238	13.33	1262.82	935.60
239	13.33	1276.15	944.93
240	6.00	1282.15	946.93
241	7.25	1289.40	950.18
242	11.08	1300.48	957.27
243	12.00	1312.48	965.27

Total Deg. Days (3) for Aug/82 = 422.50

244	11.83	1324.32	973.10
245	11.83	1336.15	982.27

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ

Station	Depth	Latitude	Longitude		Start
62A	20.0	47.40	61.84	Sept 4, 1981	18:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
247	18.50	18.50	14.50
248	17.33	35.83	27.83
249	16.83	52.67	40.67
250	16.83	69.50	53.50
251	16.42	85.92	65.92
252	16.67	102.58	78.58
253	16.25	118.83	90.83
254	16.33	135.17	103.17
255	15.83	151.00	115.00
256	16.00	167.00	127.00
257	15.50	182.50	138.50
258	15.00	197.50	149.50
259	15.08	212.58	160.58
260	15.00	227.58	171.58
261	14.83	242.42	182.42
262	15.00	257.42	193.42
263	15.00	272.42	204.42
264	14.42	286.83	214.83
265	13.50	300.33	224.33
266	12.00	312.33	232.33
267	11.92	324.25	240.25
268	12.00	336.25	248.25
269	11.58	347.83	255.83
270	11.17	359.00	263.00
271	11.50	370.50	270.50
272	11.67	382.17	278.17
273	11.00	393.17	285.17

Estimated Deg. Days (C) for Sept/81 = 421.25

274	10.50	403.67	291.67
275	10.67	414.33	298.33
276	10.92	425.25	305.25
277	11.00	436.25	312.25
278	10.83	447.08	319.08
279	10.75	457.83	325.83
280	10.58	468.42	332.42
281	10.33	478.75	338.75
282	10.33	489.08	345.08
283	8.67	497.75	349.75
284	7.67	505.42	353.42
285	8.08	513.50	357.50
286	8.42	521.92	361.92
287	8.75	530.67	366.67
288	8.92	539.58	371.58
289	8.92	548.50	376.50
290	9.00	557.50	381.50
291	8.08	565.58	385.58
292	8.25	573.83	389.83
293	8.50	582.33	394.33

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ ... continued

Station	Depth	Latitude	Longitude		Start
62A	20.0	47.40	61.84	Sept 4, 1981	18:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
294	8.17	590.50	398.50
295	8.00	598.50	402.50
296	8.08	606.58	406.58
297	9.17	615.75	411.75
298	8.42	624.17	416.17
299	8.17	632.33	420.33
300	8.08	640.42	424.42
301	8.50	648.92	428.92
302	7.50	656.42	432.42
303	6.67	663.08	435.08
304	5.92	669.00	437.00
Total Deg. Days (D) for Oct/81 = 275.33			
305	5.50	674.50	438.50
306	5.67	680.17	440.17
307	5.83	686.00	442.00
308	5.25	691.25	443.25
309	4.25	695.50	443.75
310	5.17	700.67	444.92
311	6.00	706.67	446.92
312	6.00	712.67	448.92
313	6.00	718.67	450.92
314	6.00	724.67	452.92
315	5.50	730.17	454.42
316	5.50	735.67	455.92
317	4.42	740.08	456.33
318	4.42	744.50	456.75
319	4.75	749.25	457.50
320	4.92	754.17	458.42
321	4.92	759.08	459.33
322	4.83	763.92	460.17
323	5.00	768.92	461.17
324	4.92	773.83	462.08
325	5.00	778.83	463.08
326	5.00	783.83	464.08
327	4.67	788.50	464.75
328	4.00	792.50	464.75
329	3.50	796.00	464.75
330	3.75	799.75	464.75
331	2.67	802.42	464.75
332	2.67	805.08	464.75
333	2.67	807.75	464.75
334	2.25	810.00	464.75
Total Deg. Days (D) for Nov/81 = 141.00			
335	1.25	811.25	464.75
336	1.33	812.58	464.75
337	2.17	814.75	464.75

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ ... continued

Station	Depth	Latitude	Longitude	Start
62A	20.0	47.40	61.84	Sept 4, 1981 18:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
338	2.92	817.67	464.75
339	3.00	820.67	464.75
340	3.67	824.33	464.75
341	4.00	828.33	464.75
342	4.00	832.33	464.75
343	4.00	836.33	464.75
344	4.00	840.33	464.75
345	4.00	844.33	464.75
346	3.42	847.75	464.75
347	2.50	850.25	464.75
348	2.25	852.50	464.75
349	1.92	854.42	464.75
350	2.25	856.67	464.75
351	2.58	859.25	464.75
352	1.92	861.17	464.75
353	1.92	863.08	464.75
354	1.42	864.50	464.75
355	1.00	865.50	464.75
356	.75	866.25	464.75
357	.83	867.08	464.75
358	.83	867.92	464.75
359	.50	868.42	464.75
360	.67	869.08	464.75
361	.50	869.58	464.75
362	-.16	869.58	464.75
363	-.24	869.58	464.75
364	-.66	869.58	464.75
365	-1.32	869.58	464.75

Total Deg. Days (C) for Dec/81 = 59.58

1	-.66	869.58	464.75
2	-.57	869.58	464.75
3	-.82	869.58	464.75
4	-.41	869.58	464.75
5	-.16	869.58	464.75
6	-.49	869.58	464.75
7	-.82	869.58	464.75
8	-.67	869.58	464.75
9	-1.82	869.58	464.75
10	-1.16	869.58	464.75
11	-1.49	869.58	464.75
12	-1.49	869.58	464.75
13	-1.49	869.58	464.75
14	-1.49	869.58	464.75
15	-1.49	869.58	464.75
16	-1.49	869.58	464.75
17	-1.49	869.58	464.75
18	-1.49	869.58	464.75
19	-1.49	869.58	464.75

MAGDALEN ISLANDS - HAVRE AUX MAISONS P2 ... continued

Station	Depth	Latitude	Longitude		Start
62A	20.0	47.40	61.84	Sept 4, 1984	18:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (A)
20	-1.49	869.58	464.75
21	-1.49	869.58	464.75
22	-1.49	869.58	464.75
23	-1.49	869.58	464.75
24	-1.49	869.58	464.75
25	-1.49	869.58	464.75
26	-1.49	869.58	464.75
27	-1.49	869.58	464.75
28	-1.49	869.58	464.75
29	-1.49	869.58	464.75
30	-1.49	869.58	464.75
31	-1.49	869.58	464.75

Total Deg. Days (D) for Jan/82 = 0.00

32	-1.49	869.58	464.75
33	-1.49	869.58	464.75
34	-1.49	869.58	464.75
35	-1.49	869.58	464.75
36	-1.49	869.58	464.75
37	-1.49	869.58	464.75
38	-1.49	869.58	464.75
39	-1.49	869.58	464.75
40	-1.49	869.58	464.75
41	-1.49	869.58	464.75
42	-1.49	869.58	464.75
43	-1.49	869.58	464.75
44	-1.49	869.58	464.75
45	-1.49	869.58	464.75
46	-1.49	869.58	464.75
47	-1.49	869.58	464.75
48	-1.49	869.58	464.75
49	-1.49	869.58	464.75
50	-1.49	869.58	464.75
51	-1.49	869.58	464.75
52	-1.49	868.58	462.42

Estimated Deg. Days (D) for Feb/82 = 1.33

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ

Station	Depth	Latitude	Longitude	Start
628	20.0	47.42	61.87	June 19, 1982 08:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
170	13.33	13.33	10.67
171	14.25	27.58	20.92
172	12.58	40.17	29.50
173	12.42	52.58	37.92
174	13.08	65.67	47.00
175	12.67	78.33	55.67
176	12.08	90.42	63.75
177	12.75	103.17	72.50
178	13.00	116.17	81.50
179	13.50	129.67	91.00
180	13.25	142.92	100.25
181	13.67	156.58	109.92
Estimated Deg. Days (3) for June/82 =		361.35	
182	14.00	170.58	119.92
183	13.50	184.08	129.42
184	12.67	196.75	138.08
185	12.17	208.92	146.25
186	12.33	221.25	154.58
187	13.33	234.58	163.92
188	12.83	247.42	172.75
189	14.50	261.92	183.25
190	14.58	276.50	193.83
191	14.83	291.33	204.67
192	15.00	306.33	215.67
193	15.58	321.92	227.25
194	17.00	338.92	240.25
195	18.08	357.00	254.33
196	18.67	375.67	269.00
197	17.25	392.92	282.25
198	18.42	411.33	296.67
199	17.75	429.08	310.42
200	18.58	447.67	325.00
201	18.67	466.33	339.67
202	18.75	485.08	354.42
203	18.00	503.08	368.42
204	18.00	521.08	382.42
205	17.75	538.83	396.17
206	18.00	556.83	410.17
207	17.58	574.42	423.75
208	17.83	591.75	437.08
209	18.00	609.75	451.08
210	18.08	627.83	465.17
211	17.00	644.83	478.17
212	17.25	662.08	491.42
Total Deg. Days (3) for July/82 =		505.50	
213	17.67	679.75	505.08

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ ... continued

Station	Depth	Latitude	Longitude	Start
628	20.0	47.42	61.87	June 19, 1982 08:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
214	18.00	697.75	519.08
215	15.42	713.17	530.50
216	15.17	728.33	541.67
217	15.50	743.83	553.17
218	15.08	758.92	564.25
219	16.50	775.42	576.75
220	16.50	791.92	589.25
221	16.42	808.33	601.67
222	16.42	824.75	614.08
223	16.92	841.67	627.00
224	17.58	859.25	640.58
225	17.75	877.00	654.33
226	16.92	893.92	667.25
227	17.00	910.92	680.25
228	17.50	928.42	693.75
229	17.33	945.75	707.08
230	18.00	963.75	721.08
231	16.25	980.00	733.33
232	16.25	996.25	745.58
233	16.67	1012.92	758.25
234	15.92	1028.83	770.17
235	15.50	1044.33	781.67
236	15.50	1059.83	793.17
237	15.17	1075.00	804.33
238	15.50	1090.50	815.83
239	15.08	1105.58	826.92
240	15.17	1120.75	838.08
241	15.00	1135.75	849.08
242	14.50	1150.25	859.58
243	14.50	1164.75	870.08

Total Deg. Days (3) for Aug/82 = 502.57

244	13.83	1178.58	879.92
245	13.50	1192.08	889.42
246	13.50	1205.58	898.92
247	14.08	1219.67	909.00
248	15.00	1234.67	920.00
249	15.00	1249.67	931.00
250	14.83	1264.50	941.83
251	14.00	1278.50	951.83
252	13.75	1292.25	961.58
253	13.42	1305.67	971.00
254	14.08	1319.75	981.08
255	15.00	1334.75	992.08
256	15.25	1350.00	1003.33
257	16.00	1366.00	1015.33
258	15.83	1381.83	1027.17
259	13.58	1395.42	1036.75
260	12.67	1408.08	1045.42

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ ... continued

Station	Depth	Latitude	Longitude	Start
628	20.0	47.42	61.87	June 19, 1982 08:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
261	13.00	1421.08	1054.42
262	13.00	1434.08	1063.42
263	12.83	1446.92	1072.25
264	13.00	1459.92	1081.25
265	13.00	1472.92	1090.25
266	13.00	1485.92	1099.25
267	13.00	1498.92	1108.25
268	13.00	1511.92	1117.25
269	13.08	1525.00	1126.33
270	13.50	1538.50	1135.83
271	13.50	1552.00	1145.33
272	12.50	1564.50	1153.83
273	11.67	1576.17	1161.50

Total Deg. Days (D) for Sept/82 = 411.42

274	11.58	1587.75	1169.08
275	11.92	1599.67	1177.00
276	9.67	1609.33	1182.67
277	9.67	1619.00	1188.33
278	9.17	1628.17	1193.50
279	9.33	1637.50	1198.83
280	9.25	1646.75	1204.08
281	8.58	1655.33	1208.67
282	8.50	1663.83	1213.17
283	7.42	1671.25	1216.58
284	6.56	1677.83	1219.17
285	7.17	1685.00	1222.33
286	7.92	1692.92	1226.25
287	8.50	1701.42	1230.75
288	8.83	1710.25	1235.58
289	8.67	1718.92	1240.25
290	8.75	1727.67	1245.00
291	8.17	1735.83	1249.17
292	8.00	1743.83	1253.17

Estimated Deg. Days (D) for Oct/82 = 273.56

MAGDALEN ISLANDS - DUNE DU SUD PQ

Station	Depth	Latitude	Longitude	Start
63A	18.0	47.53	61.67	May 3, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
123	2.00	2.00	0.00
124	1.50	3.50	0.00
125	1.50	5.00	0.00
126	1.50	6.50	0.00
127	1.50	8.00	0.00
128	1.50	9.50	0.00
129	1.50	11.00	0.00
130	1.58	12.58	0.00
131	2.17	14.75	0.00
132	2.50	17.25	0.00
133	2.50	19.75	0.00
134	2.50	22.25	0.00
135	2.50	24.75	0.00
136	2.50	27.25	0.00
137	2.50	29.75	0.00
138	2.50	32.25	0.00
139	2.50	34.75	0.00
140	2.50	37.25	0.00
141	2.25	39.50	0.00
142	2.00	41.50	0.00
143	2.33	43.83	0.00
144	2.58	46.42	0.00
145	2.50	48.92	0.00
146	2.33	51.25	0.00
147	2.00	53.25	0.00
148	2.25	55.50	0.00
149	2.50	58.00	0.00
150	2.67	60.67	0.00
151	4.42	65.08	0.00

Estimated Deg. Days (0) for May/82 = 67.25

152	4.83	69.92	0.00
153	5.25	75.17	.83
154	5.50	80.67	2.33
155	4.33	85.00	3.00
156	3.00	88.00	3.00
157	2.50	90.50	3.00
158	4.17	94.67	3.42
159	4.42	99.08	3.83
160	4.00	103.08	3.83
161	4.17	107.25	4.00
162	5.17	112.42	5.17
163	6.58	119.00	7.75
164	6.08	125.08	9.83
165	6.00	131.08	11.63
166	6.25	137.33	14.08
167	7.25	144.58	17.33
168	7.17	151.75	20.50
169	6.50	158.25	23.00

MAGDALEN ISLANDS - HAVRE AUX MAISONS PJ ... continued

Station	Depth	Latitude	Longitude	Start
628	20.0	47.42	61.87	June 19, 1982 08:30 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
261	13.00	1421.08	1054.42
262	13.00	1434.08	1063.42
263	12.83	1446.92	1072.25
264	13.00	1459.92	1081.25
265	13.00	1472.92	1090.25
266	13.00	1485.92	1099.25
267	13.00	1498.92	1108.25
268	13.00	1511.92	1117.25
269	13.08	1525.00	1126.33
270	13.50	1538.50	1135.83
271	13.50	1552.00	1145.33
272	12.50	1564.50	1153.83
273	11.67	1576.17	1161.50

Total Deg. Days (D) for Sept/82 = 411.42

274	11.58	1587.75	1169.08
275	11.92	1599.67	1177.00
276	9.67	1609.33	1182.67
277	9.67	1619.00	1188.33
278	9.17	1628.17	1193.50
279	9.33	1637.50	1198.83
280	9.25	1646.75	1204.08
281	8.58	1655.33	1208.67
282	8.50	1663.83	1213.17
283	7.42	1671.25	1216.58
284	6.56	1677.83	1219.17
285	7.17	1685.00	1222.33
286	7.92	1692.92	1226.25
287	8.50	1701.42	1230.75
288	8.83	1710.25	1235.58
289	8.67	1718.92	1240.25
290	8.75	1727.67	1245.00
291	8.17	1735.83	1249.17
292	8.00	1743.83	1253.17

Estimated Deg. Days (D) for Oct/82 = 273.56

MAGDALEN ISLANDS - DUNE DU SUD PQ

Station 63A Depth 18.0 Latitude 47.53 Longitude 61.67 Start May 3, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
123	2.00	2.00	0.00
124	1.50	3.50	0.00
125	1.50	5.00	0.00
126	1.50	6.50	0.00
127	1.50	8.00	0.00
128	1.50	9.50	0.00
129	1.50	11.00	0,00
130	1.58	12.58	0.00
131	2.17	14.75	0,00
132	2.50	17.25	0.00
133	2.50	19.75	0.00
134	2.50	22.25	0.00
135	2.50	24.75	0.00
136	2.50	27.25	0.00
137	2.50	29.75	0.00
138	2.50	32.25	0.00
139	2.50	34.75	0.00
140	2.50	37.25	0.00
141	2.25	39.50	0.00
142	2.00	41.50	0.00
143	2.33	43.83	0.00
144	2.58	46.42	0.00
145	2.50	48.92	0.00
146	2.33	51.25	0.00
147	2.00	53.25	0.00
148	2.25	55.50	0.00
149	2.50	58.00	0.00
150	2.67	60.67	0.00
151	4.42	65.08	0.00

Estimated Deg. Days (0) for May/82 = 67.25

152	4.83	69.92	0.00
153	5.25	75.17	.83
154	5.50	80.67	2.33
155	4.33	85.00	3.00
156	3.00	88.00	3.00
157	2.50	90.50	3.00
158	4.17	94.67	3.42
159	4.42	99.08	3.83
160	4.00	103.08	3.83
161	4.17	107.25	4.00
162	5.17	112.42	5.17
163	6.58	119.00	7.75
164	6.08	125.08	9.83
165	6.00	131.08	11.63
166	6.25	137.33	14.08
167	7.25	144.58	17.33
168	7.17	151.75	20.50
169	6.50	158.25	23.00

MAGDALEN ISLANDS - DUNE DU SUD PQ ... continued

Station	Depth	Latitude	Longitude	Start
63A	18.0	47.53	61.67	May 3, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
170	6.50	164.75	25.50
171	6.75	171.50	28.25
172	7.67	179.17	31.92
173	7.08	186.25	35.00
174	7.50	193.75	38.50
175	8.08	201.83	42.58
176	8.50	210.33	47.08
177	8.50	218.83	51.58
178	8.50	227.33	56.08
179	8.17	235.50	60.25
180	8.00	243.50	64.25
181	7.50	251.00	67.75
Total Deg. Days (D) for June/82 =		185.92	
182	7.00	258.00	70.75
183	7.58	265.58	74.33
184	7.00	272.58	77.33
185	7.58	280.17	80.92
186	7.00	287.17	83.92
187	7.33	294.50	87.25
188	7.83	302.33	91.08
189	8.58	310.92	95.67
190	9.42	320.33	101.08
191	10.33	330.67	107.42
192	10.83	341.50	114.25
193	11.00	352.50	121.25
194	10.75	363.25	128.00
195	10.50	373.75	134.50
196	10.00	383.75	140.50
197	10.83	394.58	147.33
198	11.00	405.58	154.33
199	11.50	417.08	161.83
200	11.50	428.58	169.33
201	11.50	440.08	176.83
202	11.83	451.92	184.67
203	13.50	465.42	194.17
204	13.67	479.08	203.83
205	12.42	491.50	212.25
206	12.00	503.50	220.25
207	11.50	515.00	227.75
208	11.08	526.08	234.83
209	11.17	537.25	242.00
210	12.33	549.58	250.33
211	14.17	563.75	260.50
212	7.92	571.67	264.42
Total Deg. Days (D) for July/82 =		320.67	
213	7.92	579.58	268.33

MAGDALEN ISLANDS - DUNE DU SUD PQ .... continued

Station	Deptn	Latitude	Longitude	Start
63A	18.0	47.53	61.67	May 3, 1982 16:00 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
214	8.25	587.83	272.58
215	8.67	596.50	277.25
216	9.17	605.67	282.42
217	9.58	615.25	288.00
218	10.58	625.83	294.58
219	11.33	637.17	301.92
220	11.83	649.00	309.75
221	11.75	660.75	317.50
222	12.00	672.75	325.50
223	13.83	686.58	335.33
224	14.00	700.58	345.33
225	14.00	714.58	355.33
226	14.33	728.92	365.67
227	14.33	743.25	376.00
228	13.67	756.92	385.67
229	13.42	770.33	395.08
230	13.00	783.33	404.08
231	12.50	795.83	412.58
232	12.75	808.58	421.33
233	13.67	822.25	431.00
234	13.17	835.42	440.17
235	13.50	848.92	449.67
236	13.67	862.58	459.33
237	14.00	876.58	469.33
238	14.00	890.58	479.33

Estimated Deg. Days (3) for Aug/82 = 380.25

MAGDALEN ISLANDS - DUNE DU SUD Pu

Station	Depth	Latitude	Longitude	Start
638	20.0	47.52	61.57	May 20, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (D)	Deg. Day (4)
140	3.07	3.07	1.17
141	3.92	7.58	1.17
142	3.08	10.67	1.17
143	3.08	13.75	1.17
144	3.83	17.08	1.17
145	3.00	20.08	1.17
146	3.00	23.08	1.17
147	3.83	26.92	1.25
148	4.33	31.25	1.58
149	3.67	34.92	1.58
150	4.75	39.67	2.42
151	6.00	45.67	4.42
Estimated Deg. Days (D) for May/82 =		106.90	
152	6.58	52.25	7.00
153	7.00	59.25	10.00
154	7.00	66.25	13.00
155	6.83	73.08	15.83
156	4.25	77.33	18.25
157	4.25	81.58	16.75
158	6.58	88.17	19.33
159	6.83	94.83	22.00
160	6.50	101.33	24.50
161	8.75	110.08	29.25
162	8.17	118.25	33.42
163	8.17	126.42	37.58
164	8.00	134.42	41.58
165	7.83	142.25	45.42
166	8.92	150.67	49.83
167	8.83	159.50	54.67
168	8.50	168.00	59.17
169	8.00	176.00	63.17
170	8.00	184.00	67.17
171	9.92	193.92	73.08
172	10.42	204.33	79.50
173	8.75	213.08	84.25
174	8.42	221.50	88.67
175	10.92	232.42	95.50
176	9.25	241.67	100.83
177	9.50	251.17	106.33
178	9.00	260.17	111.33
179	9.00	269.17	116.33
180	9.00	278.17	121.33
181	9.00	287.17	126.33
Total Deg. Days (D) for June/82 =		241.50	

MAGDALEN ISLANDS - DUNE DU SUD Pu... continued

Station	Depth	Latitude	Longitude	Start
638	25.0	47.52	61.57	May 20, 1982 10:00 GMT

Day Number	Mean Temp.	Degr. Day (0)	Degr. Day (4)
182	8.25	295.42	130.58
183	8.17	303.58	134.75
184	8.00	311.58	138.75
185	8.00	319.58	142.75
186	8.08	327.67	146.83
187	8.92	336.58	151.75
188	9.00	345.58	156.75
189	9.75	355.33	162.50
190	10.42	365.75	168.92
191	11.25	377.00	176.17
192	11.92	388.92	184.08
193	12.75	401.67	192.83
194	12.33	414.00	201.17
195	12.67	426.67	209.83
196	12.58	439.25	218.42
197	13.25	452.50	227.67
198	12.75	465.25	236.42
199	14.42	479.67	246.83
200	13.50	493.17	256.33
201	14.67	507.83	267.00
202	15.92	523.75	278.92
203	16.08	539.83	291.00
204	15.42	555.25	302.42
205	14.17	569.42	312.58
206	13.83	583.25	322.42
207	13.08	596.33	331.50
208	13.50	609.83	341.00
209	14.00	623.83	351.00
210	14.75	638.58	361.75
211	15.00	653.58	372.75
212	9.83	663.42	378.58

Total Degr. Days (0) for July/82 = 378.25

213	10.83	674.25	385.42
214	11.08	685.33	392.50
215	11.75	697.08	400.25
216	12.00	709.08	408.25
217	12.42	721.50	416.67
218	13.33	734.83	426.00
219	13.58	748.42	435.58
220	13.00	761.42	444.58
221	13.75	775.17	454.33
222	14.00	789.17	464.33
223	14.00	803.17	474.33
224	14.08	817.25	484.42
225	14.58	831.83	495.00
226	15.00	846.83	506.00
227	15.00	861.83	517.00
228	14.33	876.17	527.33
229	14.00	890.17	537.33
230	13.92	904.08	547.25

MAGDALEN ISLANDS - DUNE DU SUD PQ ... continued

Station	Depth	Latitude	Longitude	Start
638	25.0	47.52	61.57	May 20, 1982 10:00 GMT

Day Number	Mean Temp.	Deg. Day (0)	Deg. Day (4)
231	13.50	917.50	550.75
232	14.08	931.57	560.83
233	14.42	940.08	577.25
234	14.00	960.00	587.25
235	14.00	974.38	597.25
236	14.00	988.00	607.25
237	14.50	1002.58	616.20

Estimated Deg. Days (0) for Aug/82 = 420.37

MAGDALEN ISLANDS - SHAG ISLAND PO

Station	Depth	Latitude	Longitude	Start
64	18.0	47.47	61.65	Sept 12, 1981 01:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
255	7.50	7.50	4.03
256	7.83	15.33	7.87
257	7.92	23.25	11.78
258	7.50	30.75	15.28
259	7.50	38.25	18.78
260	7.50	45.75	22.28
261	7.50	53.25	25.78
262	7.50	60.75	29.28
263	7.50	68.25	32.78
264	7.50	75.75	36.28
265	7.50	83.25	39.78
266	7.50	90.75	43.28
267	7.50	98.25	46.78
268	7.00	105.25	49.78
269	7.00	112.25	52.78
270	7.00	119.25	55.78
271	7.00	126.25	58.78
272	7.00	133.25	61.78
273	7.00	140.25	64.78
Estimated Deg. Days (D) for Sept/81 = 210.37			
274	6.67	146.92	67.45
275	6.50	153.42	69.95
276	6.50	159.92	72.45
277	6.00	165.92	74.45
278	6.00	171.92	76.45
279	6.00	177.92	78.45
280	5.58	183.50	80.03
281	5.50	189.00	81.53
282	5.50	194.50	83.03
283	5.50	200.00	84.53
284	5.50	205.50	86.03
285	5.50	211.00	87.53
286	5.50	216.50	89.03
287	5.50	222.00	90.53
288	5.50	227.50	92.03
289	5.50	233.00	93.53
290	5.50	238.50	95.03
291	5.50	244.00	96.53
292	5.50	249.50	98.03
293	5.08	254.58	99.12
294	5.00	259.58	100.12
295	5.00	264.58	101.12
296	5.00	269.58	102.12
297	5.00	274.58	103.12
298	5.00	279.58	104.12
299	5.00	284.58	105.12
300	4.83	289.42	105.95
301	4.50	293.92	106.45

MAGDALEN ISLANDS - SHAG ISLAND PO ... continued

Station	Depth	Latitude	Longitude	Start
64	18.0	47.47	61.65	Sept 12, 1981 01:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
302	4.50	298.42	106.95
303	4.25	302.67	107.20
304	4.00	306.67	107.20
Total Deg. Days (C) for Oct/81 =		166.42	
305	4.00	310.67	107.20
306	4.00	314.67	107.20
307	4.00	318.67	107.20
308	3.58	322.25	107.20
309	3.50	325.75	107.20
310	3.08	328.83	107.20
311	2.83	331.67	107.20
312	2.50	334.17	107.20
313	2.50	336.67	107.20
314	2.50	339.17	107.20
315	2.75	341.92	107.20
316	2.58	344.50	107.20
317	2.50	347.00	107.20
318	2.50	349.50	107.20
319	2.50	352.00	107.20
320	2.08	354.08	107.20
321	2.00	356.08	107.20
322	2.00	358.08	107.20
323	1.92	360.00	107.20
324	1.50	361.50	107.20
325	1.50	363.00	107.20
326	.67	363.67	107.20
327	.50	364.17	107.20
328	.50	364.67	107.20
329	.50	365.17	107.20
330	.50	365.67	107.20
331	.50	366.17	107.20
332	.50	366.67	107.20
333	.50	367.17	107.20
334	.50	367.67	107.20
Total Deg. Days (C) for Nov/81 =		61.00	
335	.50	368.17	107.20
336	.50	368.67	107.20
337	.50	369.17	107.20
338	.50	369.67	107.20
339	.50	370.17	107.20
340	.50	370.67	107.20
341	.50	371.17	107.20
342	.50	371.67	107.20
343	.50	372.17	107.20
344	.50	372.67	107.20
345	.50	373.17	107.20

MAGDALEN ISLANDS - SHAG ISLAND PQ ... continued

Station	Deptn	Latitude	Longitude	Start
64	18.0	47.47	61.65	Sept 12, 1981 01:30 GMT

Day Number	Mean Temp.	Deg. Day (3)	Deg. Day (4)
346	.50	373.67	107.20
347	.50	374.17	107.20
348	.50	374.67	107.20
349	.50	375.17	107.20
350	.50	375.67	107.20
351	.50	376.17	107.20
352	.50	376.67	107.20
353	.50	377.17	107.20
354	.50	377.67	107.20
355	.50	378.17	107.20
356	.50	378.67	107.20
357	.50	379.17	107.20
358	.50	379.67	107.20
359	.50	380.17	107.20
360	.50	380.67	107.20
361	.50	381.17	107.20
362	.50	381.67	107.20
363	.50	382.17	107.20
364	.50	382.67	107.20
365	.50	383.17	107.20

Total Deg. Days (3) for Dec/81 = 15.50

1	.50	383.67	107.20
2	.50	384.17	107.20
3	.50	384.67	107.20
4	.50	385.17	107.20
5	.50	385.67	107.20
6	.50	386.17	107.20
7	.50	386.67	107.20
8	.50	387.17	107.20
9	.50	387.67	107.20
10	.50	388.17	107.20
11	.50	388.67	107.20
12	.50	389.17	107.20
13	.50	389.67	107.20
14	.50	390.17	107.20
15	.50	390.67	107.20
16	.50	391.17	107.20
17	.58	391.75	107.20
18	1.00	392.75	107.20
19	1.00	393.75	107.20
20	.75	394.50	107.20
21	.50	395.00	107.20
22	.50	395.50	107.20
23	.50	396.00	107.20
24	.50	396.50	107.20
25	.50	397.00	107.20
26	.50	397.50	107.20
27	.50	398.00	107.20

MAGDALEN ISLANDS - SHAG ISLAND PQ ... continued

Station	Deptn	Latitude	Longitude	Start
64	18.0	47.47	61.65	Sept 12, 1981 01:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
28	.50	398.50	107.20
29	.50	399.00	107.20
30	.50	399.50	107.20
31	.50	400.00	104.20

Total Deg. Days (C) for Jan/82 = 16.33

BONNE BAY NFLD

Station	Deptn	Latitude	Longitude	Start
65	34.0	49.60	57.92	May 11, 1982 13:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
131	8.00	8.00	5.33
132	7.58	15.58	8.92
133	6.75	22.33	11.67
134	3.08	25.42	12.17
135	1.08	26.50	12.17
136	1.83	28.33	12.17
137	1.75	30.08	12.17
138	2.25	32.33	12.17
139	3.00	35.33	12.17
140	2.83	38.17	12.17
141	3.50	41.67	12.17
142	3.67	45.33	12.17
143	2.08	47.42	12.17
144	2.00	49.42	12.17
145	3.17	52.58	12.17
146	2.75	55.33	12.17
147	2.83	58.17	12.17
148	3.92	62.08	12.25
149	4.00	66.08	12.25
150	5.92	72.00	14.17
151	6.58	78.58	16.75

Estimated Deg. Days (C) for May/82 = 110.73

152	6.92	85.50	19.67
153	6.75	92.25	22.42
154	6.58	98.83	25.00
155	5.17	104.00	26.17
156	4.00	108.00	26.17
157	5.58	113.58	27.75
158	5.42	119.00	29.17
159	6.00	125.00	31.17
160	6.83	131.83	34.00
161	8.00	139.83	38.00
162	8.33	148.17	42.33
163	8.83	157.00	47.17
164	11.33	168.33	54.50
165	8.83	177.17	59.33
166	9.00	186.17	64.33
167	9.75	195.92	70.08
168	9.17	205.08	75.25
169	7.17	212.25	78.42
170	6.50	218.75	80.92
171	7.75	226.50	84.67
172	8.67	235.17	89.33
173	8.58	243.75	93.92
174	6.92	250.67	96.83
175	6.25	256.92	99.08
176	7.83	264.75	102.92
177	8.00	272.75	106.92

Station	Depth	Latitude	Longitude	Start
65	34.0	49.60	57.92	May 11, 1982 13:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
178	8.00	280.75	110.92
179	8.33	289.08	115.25
180	8.58	297.67	119.83
181	9.17	306.83	125.00
Total Deg. Days (C) for June/82 =		228.25	
182	10.08	316.92	131.08
183	8.08	325.00	135.17
184	7.92	332.92	139.08
185	8.75	341.67	143.83
186	8.42	350.08	148.25
187	9.00	359.08	153.25
188	10.42	369.50	159.67
189	10.58	380.08	166.25
190	11.00	391.08	173.25
191	13.00	404.08	182.25
192	13.83	417.92	192.08
193	12.17	430.08	200.25
194	13.33	443.42	209.58
195	14.50	457.92	220.08
196	15.33	473.25	231.42
197	15.42	488.67	242.83
198	15.67	504.33	254.50
199	13.67	518.00	264.17
200	12.25	530.25	272.42
201	12.08	542.33	280.50
202	13.00	555.33	289.50
203	13.92	569.25	299.42
204	14.00	583.25	309.42
205	13.75	597.00	319.17
206	13.75	610.75	328.92
207	14.00	624.75	338.92
208	14.00	638.75	348.92
209	14.00	652.75	358.92
210	14.25	667.00	369.17
211	14.67	681.67	379.83
212	13.58	695.25	389.42
Total Deg. Days (C) for July/82 =		388.42	
213	10.92	706.17	396.33
214	12.83	719.00	405.17
215	14.33	733.33	415.50
216	13.67	747.00	425.17
217	13.00	760.00	434.17
218	13.25	773.25	443.42
219	13.50	786.75	452.92
220	13.75	800.50	462.67
221	13.92	814.42	472.58

BONNE BAY NFLD ... continued

Station	Depth	Latitude	Longitude	Start
65	34.0	49.60	57.92	May 11, 1982 13:00 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (F)
222	14.00	828.42	482.58
223	14.00	842.42	492.58
224	14.00	856.42	502.58
225	14.00	870.42	512.58
226	14.50	884.92	523.08
227	15.00	899.92	534.08
228	15.00	914.92	545.08
229	16.17	931.08	557.25
230	16.00	947.08	569.25
231	15.25	962.33	580.50
232	15.00	977.33	591.50
233	15.00	992.33	602.50
234	15.00	1007.33	613.50
235	15.00	1022.33	624.50
236	14.83	1037.17	635.33
237	14.92	1052.08	646.25
238	15.00	1067.08	657.25
239	15.00	1082.08	668.25
240	14.92	1097.00	679.17
241	14.50	1111.50	689.67
242	14.50	1126.00	700.17
243	14.50	1140.50	710.67
Total Deg. Days (C) for Aug/82 =		445.25	
244	14.83	1154.83	721.00
245	14.00	1168.83	731.00
246	14.00	1182.83	741.00
247	14.00	1196.83	751.00
248	14.00	1210.83	762.33

PARSONS POND NFLD

Station	Depth	Latitude	Longitude		Start
66	22.0	50.00	57.72	June 7, 1982	18:30 GMT

Day Number	Mean Temp.	Deg. Day (C)	Deg. Day (4)
158	6.00	6.00	2.00
159	5.75	11.75	3.75
160	6.17	17.92	5.92
161	6.00	23.92	7.92
162	5.67	29.58	9.58
163	5.58	35.17	11.17
164	6.00	41.17	13.17
165	6.00	47.17	15.17
166	6.00	53.17	17.17
167	6.00	59.17	19.17
168	6.33	65.50	21.50
169	8.92	74.42	26.42
170	7.50	81.92	29.92
171	9.00	90.92	34.92
172	7.25	98.17	38.17
173	6.42	104.58	40.58
174	7.25	111.83	43.83
175	8.00	119.83	47.83
176	8.08	127.92	51.92
177	4.00	131.92	52.08
178	3.25	135.17	52.08
179	4.00	139.17	52.08
180	5.00	144.17	53.08
181	4.92	149.08	54.00

Estimated Deg. Days (C) for June/82 = 178.90

182	7.83	156.92	57.83
183	8.75	165.67	62.58
184	8.83	174.50	67.42
185	9.08	183.58	72.50
186	9.42	193.00	77.92
187	9.58	202.58	83.50
188	10.00	212.58	89.50
189	10.00	222.58	95.50
190	10.25	232.83	101.75
191	10.92	243.75	108.67
192	11.00	254.75	115.67
193	11.30	266.05	123.50

Estimated Deg. Days (C) for July/82 = 302.16

POOR

QUALITY

ORIGINAL